STL Edison
777 New Durham Road
Edison, NJ 08817

Tel 732 549 3900 Fax 732 549 3679
www.stl-inc.com

03/24/2006

ENSR Consulting & Engineering - NJ
20 New England Ave
Piscataway, NJ 08854

Attention: Mr. Greg Micalizio

Laboratory Results
Job No. O524 - IR-Pburg

Dear Mr. Micalizio:

Enclosed are the results you requested for the following sample(s) received at our laboratory on March 10, 2006.

Lab No.	Client ID	Analysis Required
715155	476LOCK	524.2

An invoice for our services is also enclosed. If you have any questions please contact your Project Manager, David Lissy, at (732) 549-3900.

Very Truly Yours,

Michael J. Urban
Laboratory Manager

Analytical Results Summary

Client ID: **476LOCK**
Site: IR-Pburg

Lab Sample No: **715155**
Lab Job No: 0524

Date Sampled: 03/10/06
Date Received: 03/10/06
Date Analyzed: 03/17/06
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e40868.d

Matrix: WATER
Level: DW
Purge Volume: 25.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 524.2

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Dichlorodifluoromethane	ND	0.5
Chloromethane	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	0.5
Chloroethane	ND	0.5
Trichlorofluoromethane	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Bromochloromethane	ND	0.5
Chloroform	0.6	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
Benzene	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Dibromomethane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
1,3-Dichloropropane	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5

Client ID: **476LOCK**
Site: IR-Pburg

Lab Sample No: **715155**
Lab Job No: 0524

Date Sampled: 03/10/06
Date Received: 03/10/06
Date Analyzed: 03/17/06
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e40868.d

Matrix: WATER
Level: DW
Purge Volume: 25.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 524.2

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	0.5
Styrene	ND	0.5
Bromoform	ND	0.5
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
Bromobenzene	ND	0.5
1,2,3-Trichloropropane	ND	0.5
n-Propylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
m-Dichlorobenzene	ND	0.5
4-Isopropyltoluene	ND	0.5
p-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
o-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	1.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	0.5
1,2,3-Trichlorobenzene	ND	0.5
MTBE	ND	0.5

Client ID: **476LOCK**
Site: IR-Pburg

Lab Sample No: **715155**
Lab Job No: 0524

Date Sampled: 03/10/06
Date Received: 03/10/06
Date Analyzed: 03/17/06
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e40868a.d

Matrix: WATER
Level: DW
Purge Volume: 25.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 524.2

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Acetone	ND	2.5
2-Butanone	ND	2.5
4-Methyl-2-pentanone	ND	2.5
2-Hexanone	ND	2.5
Carbon Disulfide	ND	2.5
Diethyl Ether	ND	2.5
Iodomethane	ND	2.5
Allyl Chloride	ND	2.5
Acrylonitrile	ND	25
Propionitrile	ND	25
Methyl Acrylate	ND	2.5
Methacrylonitrile	ND	2.5
Tetrahydrofuran	ND	2.5
1-Chlorobutane	ND	2.5
Methyl Methacrylate	ND	2.5
2-Nitropropane	ND	25
Chloroacetonitrile	ND	25
1,1-Dichloropropanone	ND	2.5
Ethyl Methacrylate	ND	2.5
trans-1,4-Dichloro-2-butene	ND	2.5
Pentachloroethane	ND	2.5
Hexachloroethane	ND	2.5
Nitrobenzene	ND	25

General Information

Chain of Custody

0524

STL EDISON

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE 1 OF 1

Name (for report and invoice) Greg Muscolgrio	Samplers Name (Printed) N. Olvera / J. Hoyer	Site/Project Identification PL-Pkwy
Company ENSR	P.O. # 2037752	State (Location of site): NJ: X NY: Other:
		Regulatory Program: RRA
Address 20 New England Ave.	Analysis Turnaround Time: Standard X	
City Piscataway State NJ	Rush Charges Authorized For: 2 Week 1 Week Other	
Phone 732-981-0200 Fax 981-0116		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No: 930496
Job No: 0524

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC 8260										Sample Numbers
476 LOCK	3/10/16	1250	DW	5	X										715155
Soil:															
Water:	1,2														

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

5°

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	ENSR	3/10/16 1545	1)	STL
2)			2)	
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL Edison

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Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: O524 **Site:** IR-Pburg

Client: ENSR Consulting & Engineering - NJ

VOAMS

WATER - 524.2

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
715155	3/10/2006	3/10/2006			3/17/2006	Deng, Lily	1425
715155	3/10/2006	3/10/2006			3/17/2006	Deng, Lily	1427

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in “Methods for Chemical Analysis of Water and Wastewater” (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication “Test Methods for Evaluating Solid Waste” (SW-846, 3rd Edition); samples are digested according to Method 3050B “Acid Digestion of Soil, Sediments and Sludges.”

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS –1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication “Test Methods for Evaluating Solid Waste” (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020A

Corrosivity - Water pH Method 9040B
Soil pH Method 9045C

Reactivity - Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release

Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified detection limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

Nonconformance Summary

STL Edison Job Number: O524

Client: ENSR Consulting & Engineering - NJ

Date: 3/22/2006

Sample Receipt:

Sample delivery conforms with requirements.

Volatile Organic Analysis (GC/MS):

All data conforms with method requirements.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Michael J.Urban
Laboratory Manager

GC/MS Forms and Data (Volatiles)

Results Summary and Chromatograms

Client ID: **476LOCK**
Site: IR-Pburg

Lab Sample No: **715155**
Lab Job No: 0524

Date Sampled: 03/10/06
Date Received: 03/10/06
Date Analyzed: 03/17/06
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e40868.d

Matrix: WATER
Level: DW
Purge Volume: 25.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 524.2

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Dichlorodifluoromethane	ND	0.5
Chloromethane	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	0.5
Chloroethane	ND	0.5
Trichlorofluoromethane	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Bromochloromethane	ND	0.5
Chloroform	0.6	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
Benzene	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Dibromomethane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
1,3-Dichloropropane	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5

Client ID: **476LOCK**
Site: IR-Pburg

Lab Sample No: **715155**
Lab Job No: 0524

Date Sampled: 03/10/06
Date Received: 03/10/06
Date Analyzed: 03/17/06
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e40868.d

Matrix: WATER
Level: DW
Purge Volume: 25.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 524.2

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	0.5
Styrene	ND	0.5
Bromoform	ND	0.5
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
Bromobenzene	ND	0.5
1,2,3-Trichloropropane	ND	0.5
n-Propylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
m-Dichlorobenzene	ND	0.5
4-Isopropyltoluene	ND	0.5
p-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
o-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	1.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	0.5
1,2,3-Trichlorobenzene	ND	0.5
MTBE	ND	0.5

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40868.d
Report Date: 20-Mar-2006 13:35

STL Edison

VOLATILE ORGANICS- METHOD 524.2

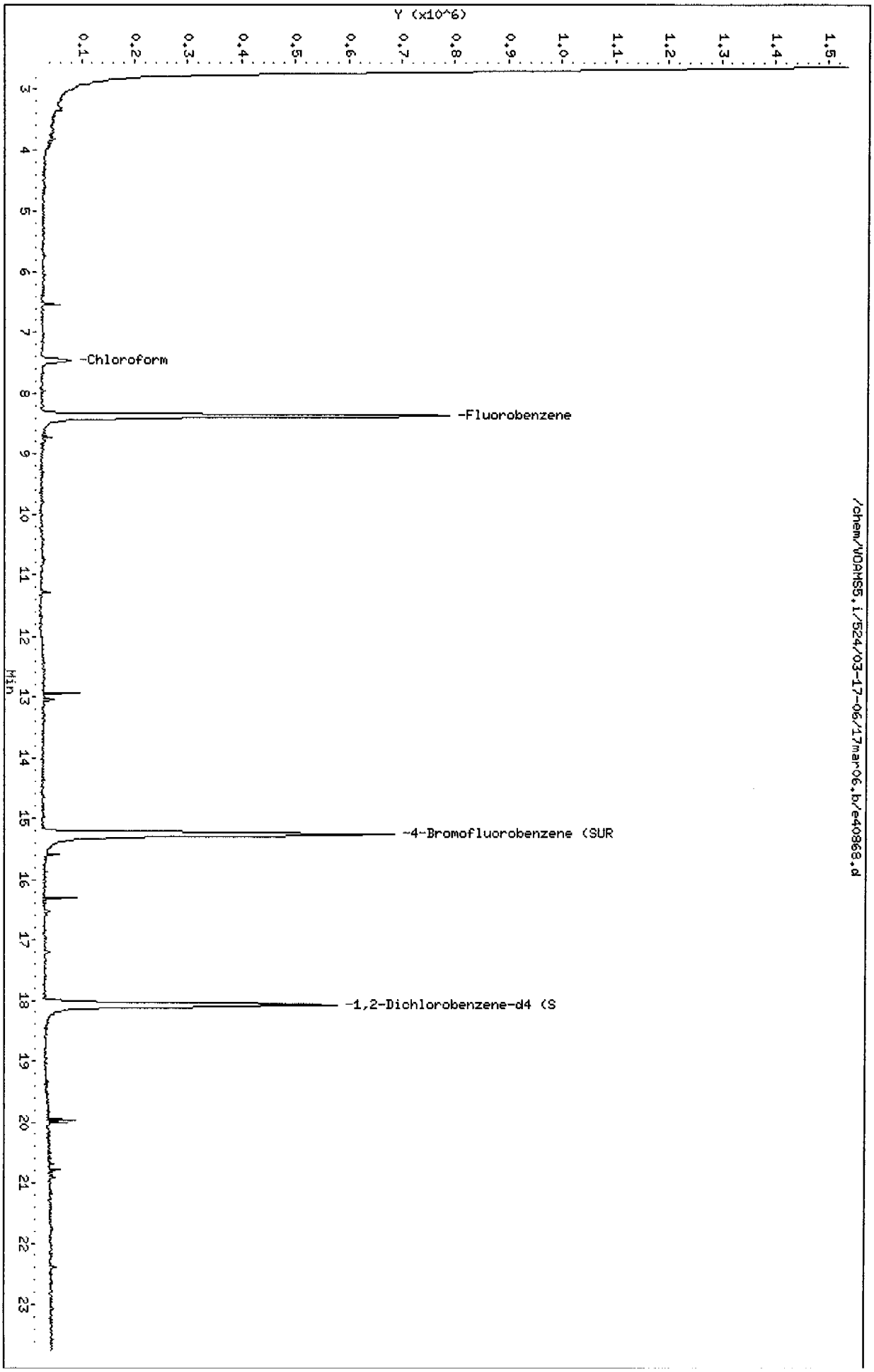
Data file : /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40868.d
Lab Smp Id: 715155 Client Smp ID: 476LOCK
Inj Date : 17-MAR-2006 16:33
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : 715155
Misc Info : 0524;1425;;LD
Comment :
Method : /chem/VOAMS5.i/524/03-17-06/17mar06.b/524_2_05.m
Meth Date : 20-Mar-2006 13:30 lily Quant Type: ISTD
Cal Date : 17-MAR-2006 12:01 Cal File: e40859.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 524.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
15 Chloroform	83	7.458	7.430	(0.891)	88044	0.54683	0.55
* 2 Fluorobenzene	96	8.366	8.325	(1.000)	1433776	5.00000	
$ 42 4-Bromofluorobenzene (SUR)	95	15.252	15.219	(1.823)	726314	4.69990	4.7
$ 57 1,2-Dichlorobenzene-d4 (SUR)	152	18.067	18.040	(2.159)	396581	4.33767	4.3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Date : 17-MAR-2006 16:33
Client ID: 476LOCK
Sample Info: 715155
Purge Volume: 25.0
Column phase: DB624
Instrument: VOAMS5.i
Operator: VOAMS 5
Column diameter: 0.53
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
Min
-Chloroform
-Fluorobenzene
-4-Bromofluorobenzene (SUR
-1,2-Dichlorobenzene-d4 (S
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Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40868.d

Date : 17-MAR-2006 16:33

Client ID: 476LOCK

Instrument: VOAMS5.i

Sample Info: 715155

Purge Volume: 25.0

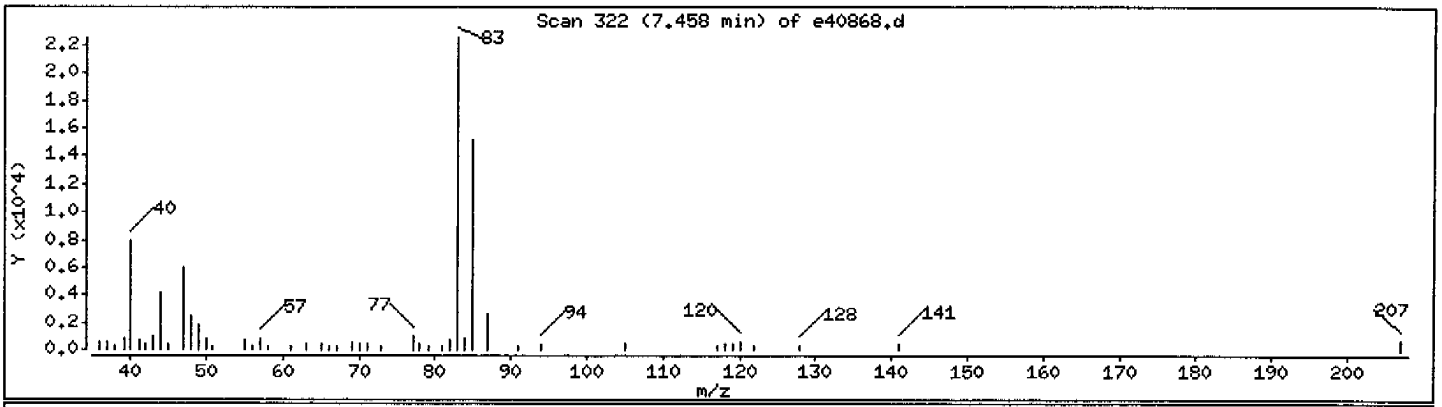
Operator: VOAMS 5

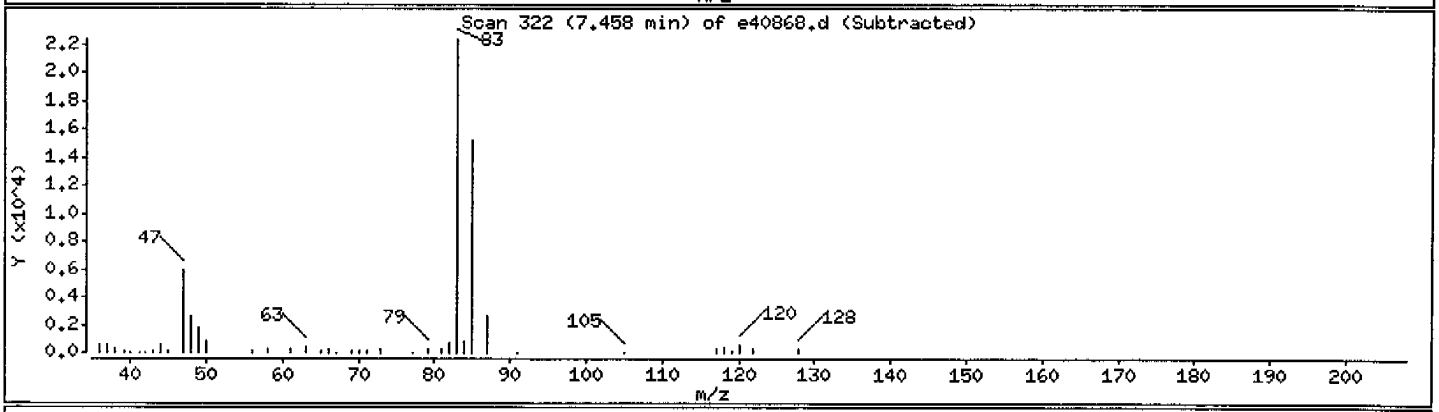
Column phase: DB624

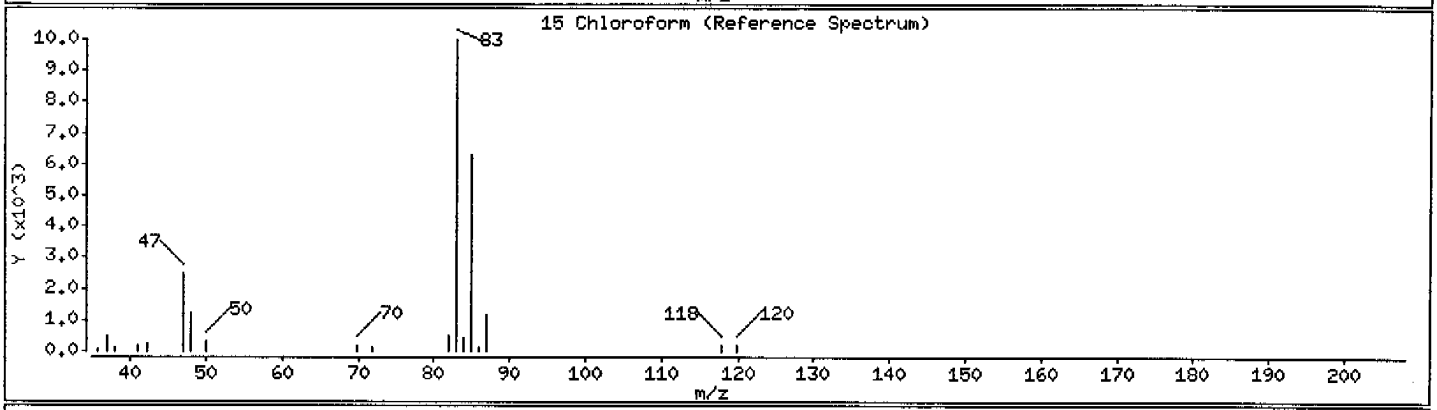
Column diameter: 0.53

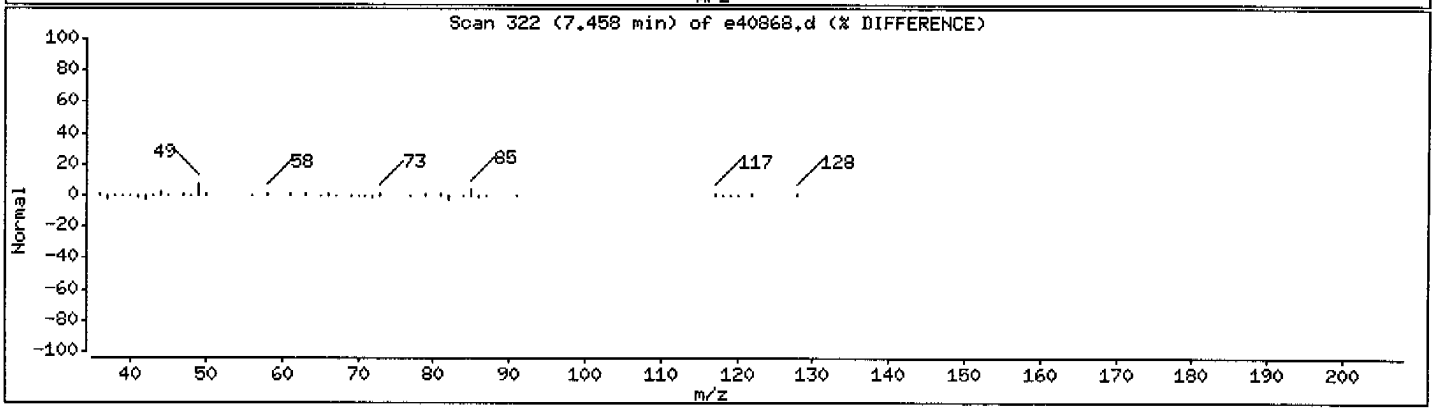
15 Chloroform

Concentration: 0.55 ug/L









Client ID: **476LOCK**
Site: IR-Pburg

Lab Sample No: **715155**
Lab Job No: 0524

Date Sampled: 03/10/06
Date Received: 03/10/06
Date Analyzed: 03/17/06
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e40868a.d

Matrix: WATER
Level: DW
Purge Volume: 25.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 524.2

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Acetone	ND	2.5
2-Butanone	ND	2.5
4-Methyl-2-pentanone	ND	2.5
2-Hexanone	ND	2.5
Carbon Disulfide	ND	2.5
Diethyl Ether	ND	2.5
Iodomethane	ND	2.5
Allyl Chloride	ND	2.5
Acrylonitrile	ND	25
Propionitrile	ND	25
Methyl Acrylate	ND	2.5
Methacrylonitrile	ND	2.5
Tetrahydrofuran	ND	2.5
1-Chlorobutane	ND	2.5
Methyl Methacrylate	ND	2.5
2-Nitropropane	ND	25
Chloroacetonitrile	ND	25
1,1-Dichloropropanone	ND	2.5
Ethyl Methacrylate	ND	2.5
trans-1,4-Dichloro-2-butene	ND	2.5
Pentachloroethane	ND	2.5
Hexachloroethane	ND	2.5
Nitrobenzene	ND	25

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40868a.d
Report Date: 20-Mar-2006 13:35

STL Edison

VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40868a.d
Lab Smp Id: 715155 Client Smp ID: 476LOCK
Inj Date : 17-MAR-2006 16:33
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : 715155
Misc Info : 0524;1427;;LD
Comment :
Method : /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/524R4_04.m
Meth Date : 20-Mar-2006 13:34 lily Quant Type: ISTD
Cal Date : 07-MAR-2006 15:17 Cal File: e40746.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

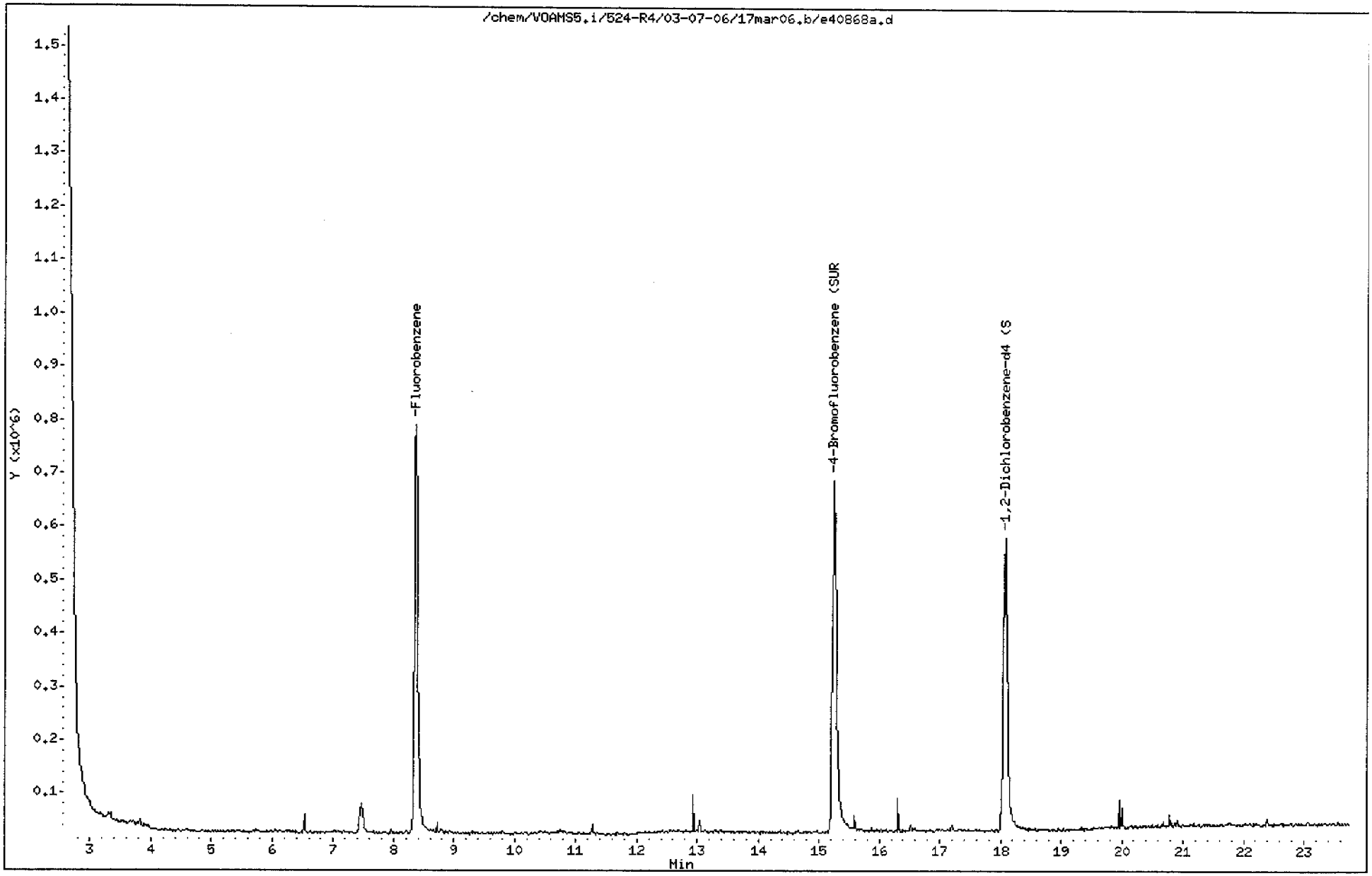
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 2 Fluorobenzene	96	8.366	8.336	(1.000)	1450458	5.00000	
$ 42 4-Bromofluorobenzene (SUR)	95	15.252	15.226	(1.823)	726314	4.33204	4.3
$ 57 1,2-Dichlorobenzene-d4 (SUR)	152	18.067	18.044	(2.159)	396581	4.00589	4.0

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40868a.d
Date : 17-MAR-2006 16:33
Client ID: 476LOCK
Sample Info: 715155
Purge Volume: 25.0
Column phase: DB624

Instrument: VOAMS5.i
Operator: VOAMS 5
Column diameter: 0.53



Tuning Results Summary

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: E40852

BFB Injection Date: 03/17/06

Instrument ID: VOAMS5

BFB Injection Time: 0752

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.0
75	30.0 - 80.0% of mass 95	45.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	69.8
175	5.0 - 9.0% of mass 174	5.1 (7.3)1
176	95.0 - 101.0% of mass 174	67.5 (96.7)1
177	5.0 - 9.0% of mass 176	4.3 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ESTD002	ESTD002	E40853	03/17/06	0823
02	ESTD005	ESTD005	E40855	03/17/06	0954
03	ESTD020	ESTD020	E40856	03/17/06	1025
04	ESTD040	ESTD040	E40857	03/17/06	1055
05	ESTD001	ESTD001	E40859	03/17/06	1201
06	1425BS	1425BS	E40860	03/17/06	1233
07	1425BSD	1425BSD	E40861	03/17/06	1303
08	EV076	EV076	E40864	03/17/06	1433
09					
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21					
22					

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: E40852

BFB Injection Date: 03/17/06

Instrument ID: VOAMS5

BFB Injection Time: 0752

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.0
75	30.0 - 80.0% of mass 95	45.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	69.8
175	5.0 - 9.0% of mass 174	5.1 (7.3)1
176	95.0 - 101.0% of mass 174	67.5 (96.7)1
177	5.0 - 9.0% of mass 176	4.3 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ESTD002	ESTD002	E40853	03/17/06	0823
02	ESTD005	ESTD005	E40855	03/17/06	0954
03	ESTD020	ESTD020	E40856	03/17/06	1025
04	ESTD040	ESTD040	E40857	03/17/06	1055
05	ESTD001	ESTD001	E40859	03/17/06	1201
06	EV076	EV076	E40864	03/17/06	1433
07	476LOCK	715155	E40868	03/17/06	1633
08					
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Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40852.d

Date : 17-MAR-2006 07:52

Client ID:

Instrument: VOAMS5.i

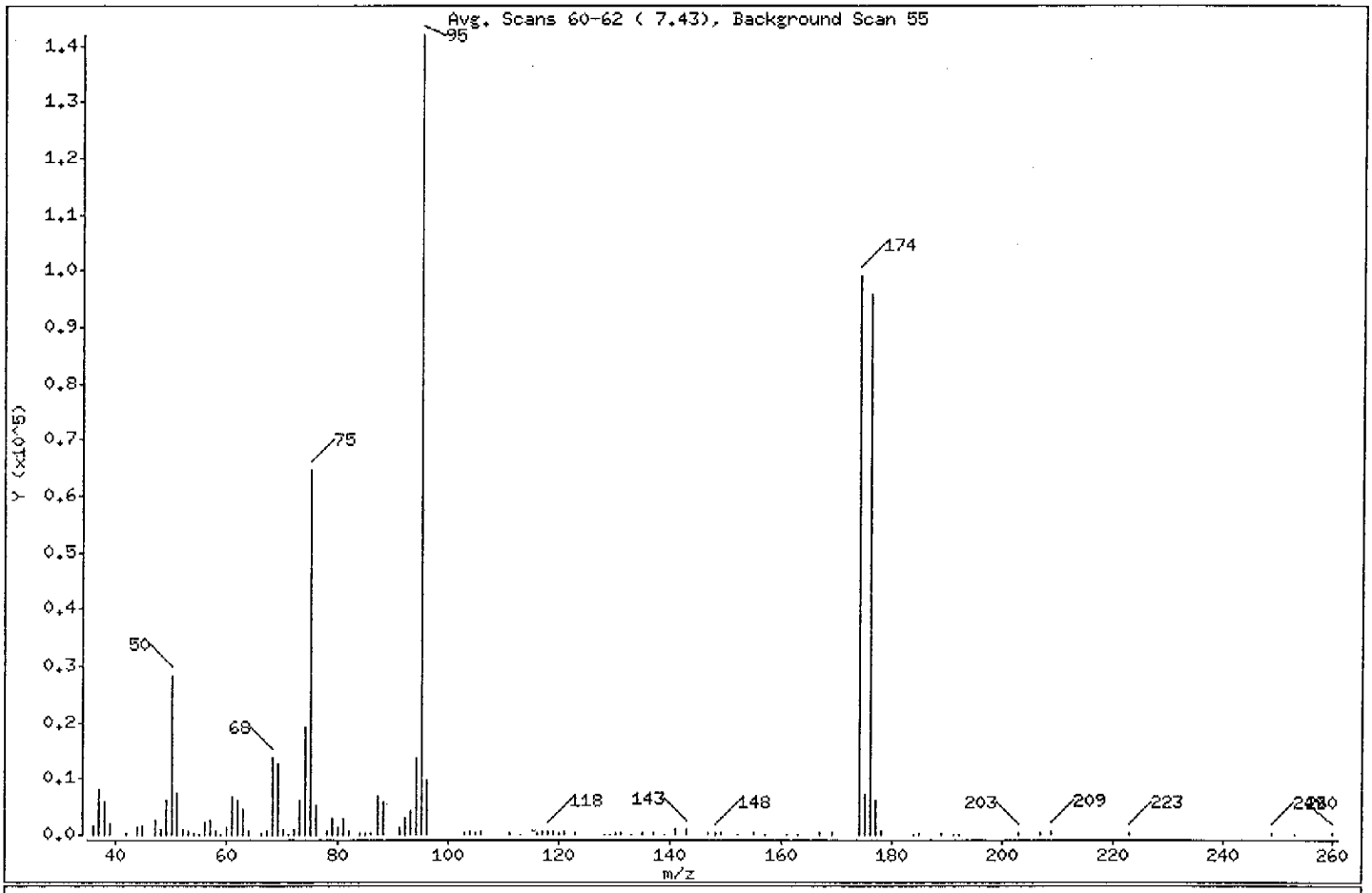
Sample Info: EBFB076

Operator: VOAMS 8

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.99
75	30.00 - 80.00% of mass 95	45.51
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	69.84
175	5.00 - 9.00% of mass 174	5.11 (7.32)
176	95.00 - 101.00% of mass 174	67.51 (96.67)
177	5.00 - 9.00% of mass 176	4.33 (6.41)

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40852.d

Date : 17-MAR-2006 07:52

Client ID:

Instrument: VOAMS5.i

Sample Info: EBFB076

Operator: VOAMS 8

Column phase: DB-624

Column diameter: 0.53

Data File: e40852.d

Spectrum: Avg. Scans 60-62 (7.43), Background Scan 55

Location of Maximum: 95.00

Number of points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1720	67.00	732	103.00	318	152.00	39
37.00	8018	68.00	13578	104.00	606	155.00	264
38.00	5948	69.00	12598	105.00	199	157.00	5
39.00	1908	70.00	1020	106.00	694	161.00	44
42.00	198	71.00	7	111.00	188	163.00	45
44.00	1185	72.00	1131	113.00	92	167.00	355
45.00	1783	73.00	6047	116.00	271	169.00	253
47.00	2683	74.00	19344	117.00	682	174.00	99112
48.00	934	75.00	64576	118.00	765	175.00	7256
49.00	6319	76.00	5212	119.00	623	176.00	95808
50.00	28368	78.00	769	120.00	198	177.00	6144
51.00	7400	79.00	3040	121.00	679	178.00	563
52.00	881	80.00	1174	123.00	178	184.00	114
53.00	758	81.00	3026	128.00	16	185.00	180
54.00	213	82.00	490	129.00	67	189.00	420
55.00	146	84.00	403	130.00	409	191.00	93
56.00	2318	85.00	240	131.00	242	192.00	96
57.00	2616	86.00	208	133.00	8	203.00	439
58.00	795	87.00	6843	135.00	287	207.00	194
59.00	112	88.00	5800	137.00	187	209.00	562
60.00	1355	91.00	1206	139.00	74	223.00	198
61.00	6798	92.00	2965	141.00	966	249.00	172
62.00	6317	93.00	4375	143.00	1098	253.00	95
63.00	4510	94.00	13623	147.00	243	260.00	217
64.00	534	95.00	141888	148.00	437		
66.00	249	96.00	9673	149.00	205		

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40852.d

Date : 17-MAR-2006 07:52

Client ID:

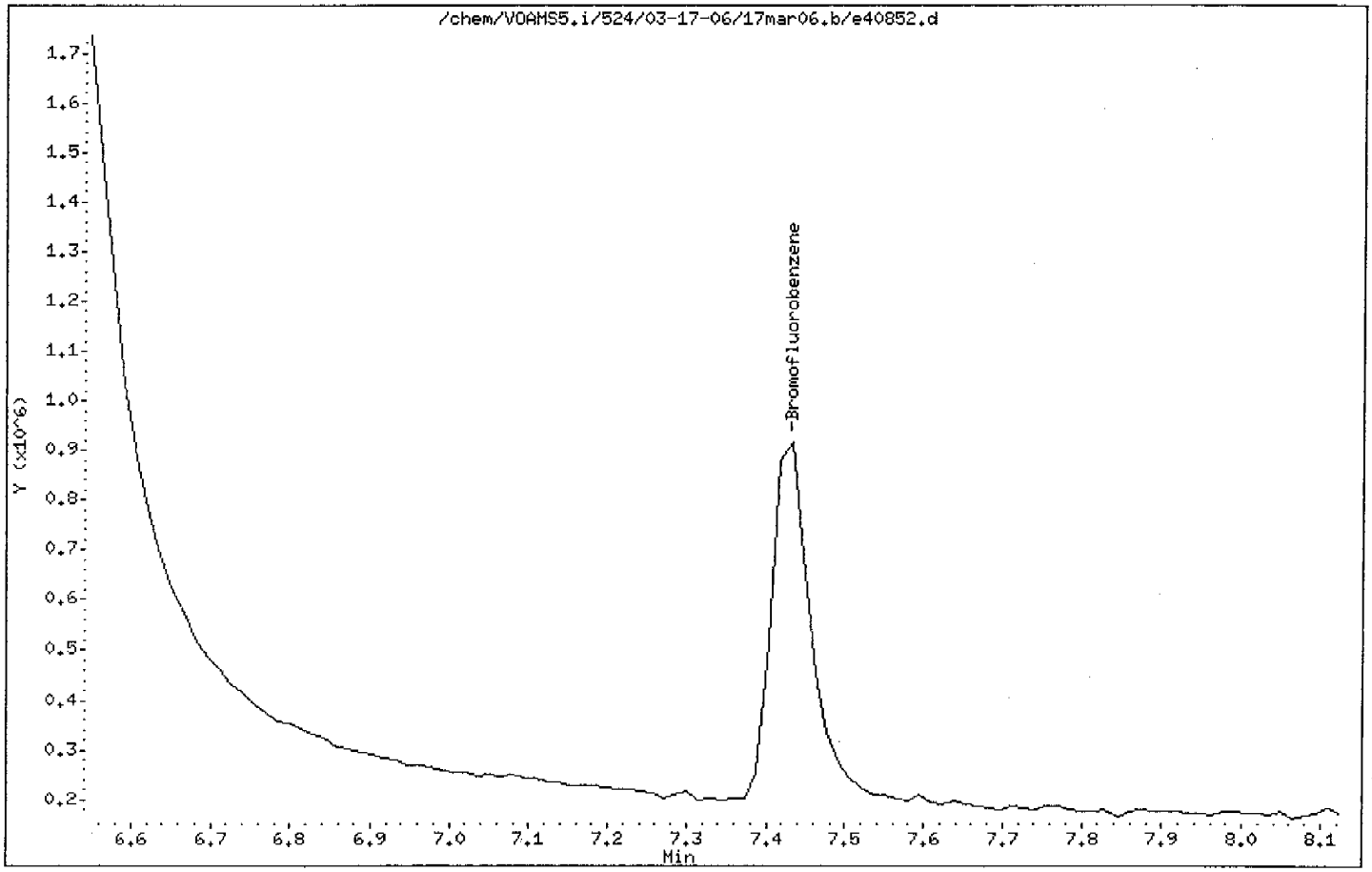
Instrument: VOAMS5.i

Sample Info: EBFB076

Operator: VOAMS 8

Column phase: DB-624

Column diameter: 0.53



VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: E40735A

BFB Injection Date: 03/07/06

Instrument ID: VOAMS5

BFB Injection Time: 0948

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.8
75	30.0 - 80.0% of mass 95	46.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	5.0 (7.5)1
176	95.0 - 101.0% of mass 174	64.3 (96.3)1
177	5.0 - 9.0% of mass 176	4.3 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ESTD020-R4	ESTD020-R4	E40742	03/07/06	1302
02	ESTD040-R4	ESTD040-R4	E40745	03/07/06	1447
03	ESTD005-R4	ESTD005-R4	E40746	03/07/06	1517
04					
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19					
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21					
22					

Data File: /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40735a.d

Date : 07-MAR-2006 09:48

Client ID:

Instrument: VOAMS5.i

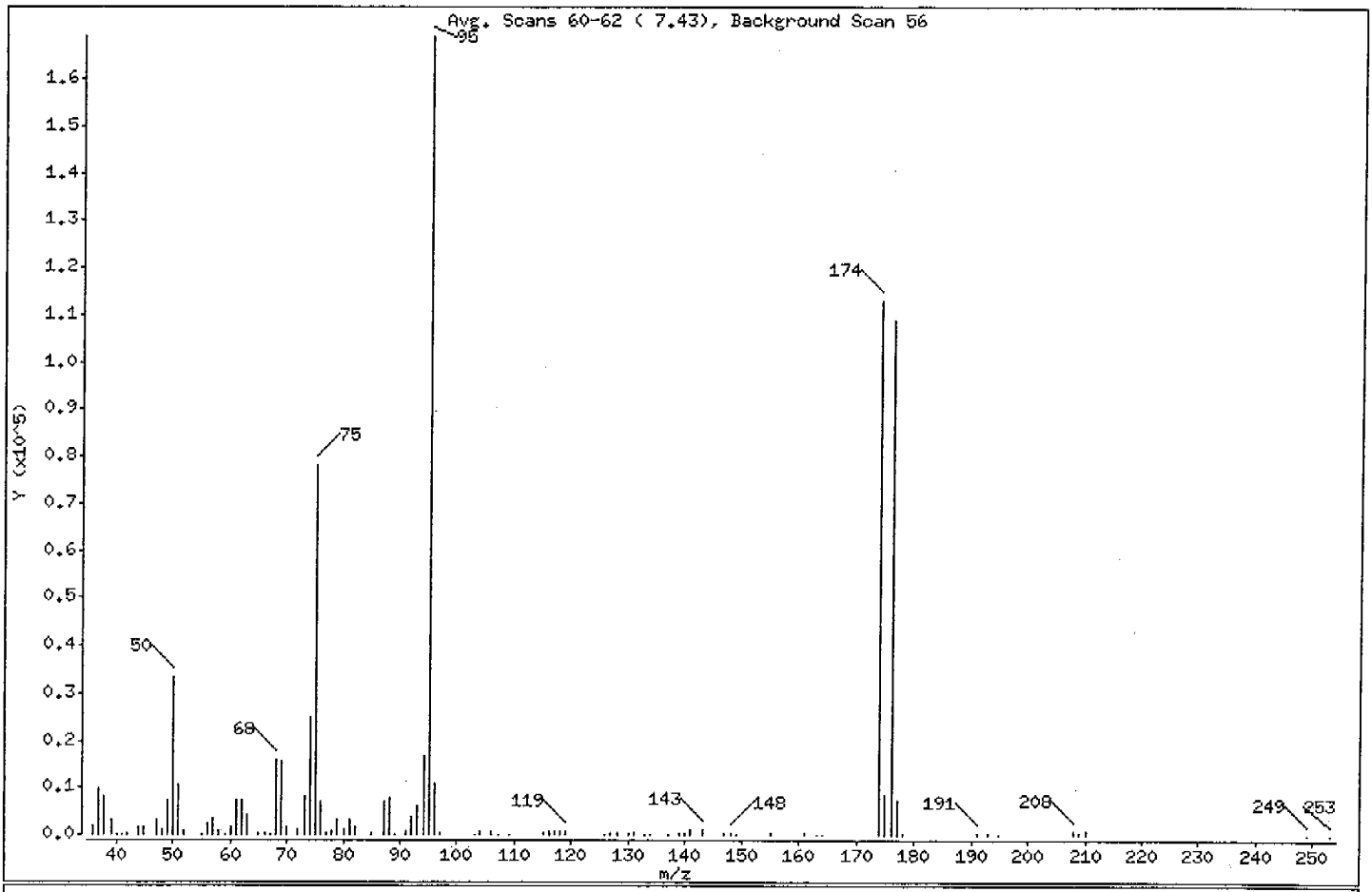
Sample Info: EBFB066a

Operator: VOAMS 5

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.76
75	30.00 - 80.00% of mass 95	46.15
96	5.00 - 9.00% of mass 95	6.53
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	66.82
175	5.00 - 9.00% of mass 174	5.04 (7.55)
176	95.00 - 101.00% of mass 174	64.33 (96.27)
177	5.00 - 9.00% of mass 176	4.33 (6.73)

Data File: /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40735a.d

Date : 07-MAR-2006 09:48

Client ID:

Instrument: VOAMS5.i

Sample Info: EBFB066a

Operator: VOAMS 5

Column phase: DB-624

Column diameter: 0.53

Data File: e40735a.d

Spectrum: Avg. Scans 60-62 (7.43), Background Scan 56

Location of Maximum: 95.00

Number of points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2032	65.00	304	94.00	16672	141.00	1023
37.00	9772	66.00	199	95.00	168960	143.00	1210
38.00	7997	67.00	125	96.00	11031	147.00	285
39.00	3019	68.00	15833	97.00	465	148.00	531
40.00	161	69.00	15407	103.00	99	149.00	72
41.00	122	70.00	1705	104.00	928	155.00	417
42.00	202	72.00	1031	106.00	732	161.00	254
44.00	1602	73.00	8000	107.00	183	163.00	183
45.00	1428	74.00	24856	109.00	175	164.00	188
47.00	2996	75.00	77976	115.00	360	174.00	112904
48.00	1239	76.00	6876	116.00	604	175.00	8521
49.00	7205	77.00	488	117.00	760	176.00	108696
50.00	33384	78.00	586	118.00	696	177.00	7318
51.00	10330	79.00	3112	119.00	934	178.00	517
52.00	644	80.00	1355	126.00	182	191.00	471
55.00	155	81.00	3014	127.00	524	193.00	300
56.00	2516	82.00	1438	128.00	343	195.00	9
57.00	3620	85.00	411	130.00	403	208.00	774
58.00	584	87.00	7014	131.00	203	209.00	358
59.00	104	88.00	7818	133.00	124	210.00	726
60.00	1729	89.00	99	134.00	86	249.00	170
61.00	7560	91.00	737	137.00	194	253.00	112
62.00	7204	92.00	3982	139.00	360		
63.00	4433	93.00	6029	140.00	480		

Data File: /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40735a.d

Date : 07-MAR-2006 09:48

Client ID:

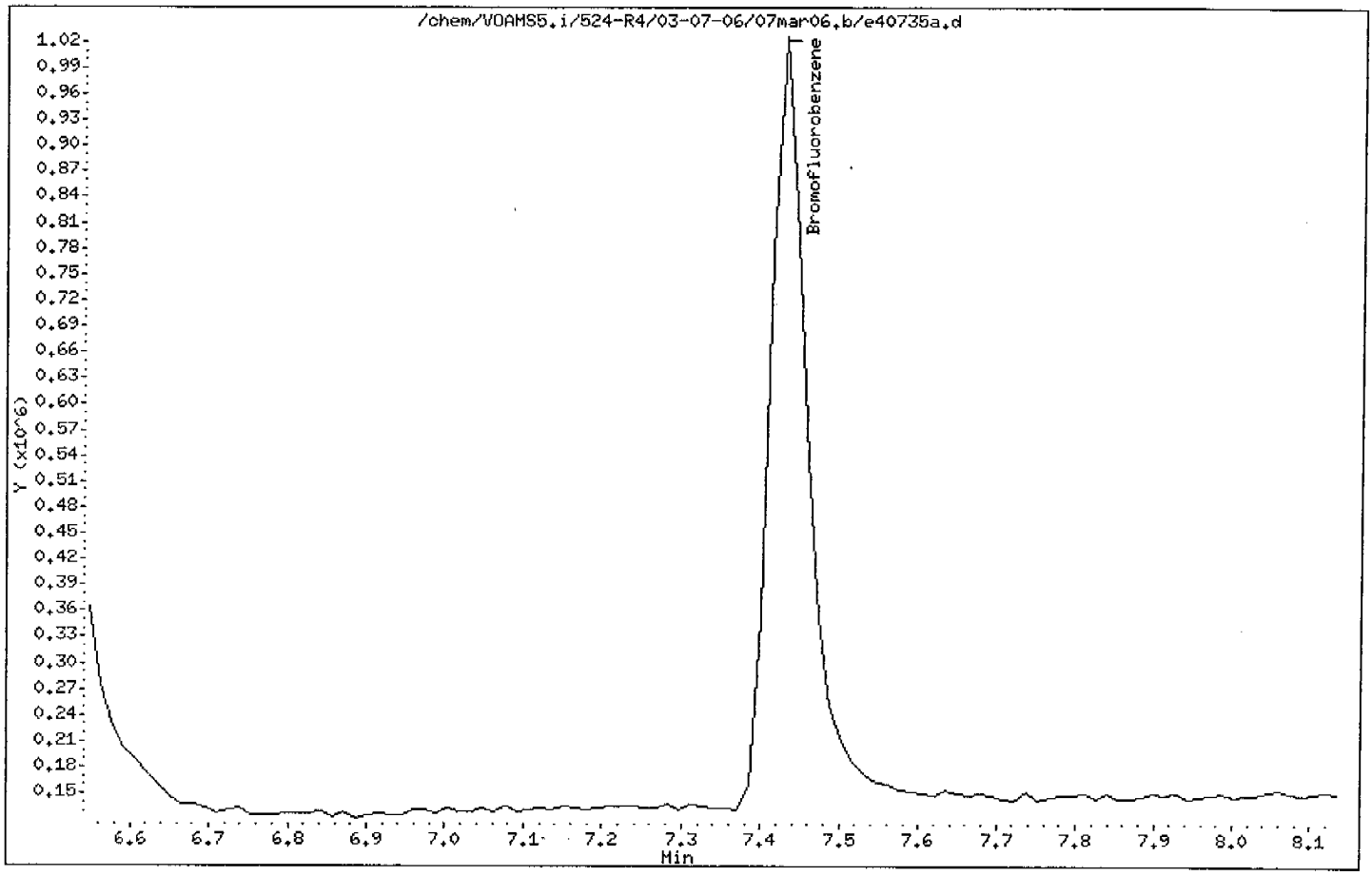
Instrument: VOAMS5.i

Sample Info: EBFB066a

Operator: VOAMS 5

Column phase: DB-624

Column diameter: 0.53



VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: E40852A

BFB Injection Date: 03/17/06

Instrument ID: VOAMS5

BFB Injection Time: 0752

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.0
75	30.0 - 80.0% of mass 95	45.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	69.8
175	5.0 - 9.0% of mass 174	5.1 (7.3)1
176	95.0 - 101.0% of mass 174	67.5 (96.7)1
177	5.0 - 9.0% of mass 176	4.3 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ESTD076-R4	ESTD076-R4	E40858	03/17/06	1130
02	1427BS	1427BS	E40862	03/17/06	1333
03	1427BSD-R4	1427BSD-R4	E40863	03/17/06	1403
04	EV076A	EV076A	E40864A	03/17/06	1433
05					
06					
07					
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15					
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18					
19					
20					
21					
22					

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: E40852A

BFB Injection Date: 03/17/06

Instrument ID: VOAMS5

BFB Injection Time: 0752

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.0
75	30.0 - 80.0% of mass 95	45.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	69.8
175	5.0 - 9.0% of mass 174	5.1 (7.3)1
176	95.0 - 101.0% of mass 174	67.5 (96.7)1
177	5.0 - 9.0% of mass 176	4.3 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ESTD076-R4	ESTD076-R4	E40858	03/17/06	1130
02	EV076A	EV076A	E40864A	03/17/06	1433
03	476LOCK	715155	E40868A	03/17/06	1633
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40852a.d

Date : 17-MAR-2006 07:52

Client ID:

Instrument: VOAMS5.i

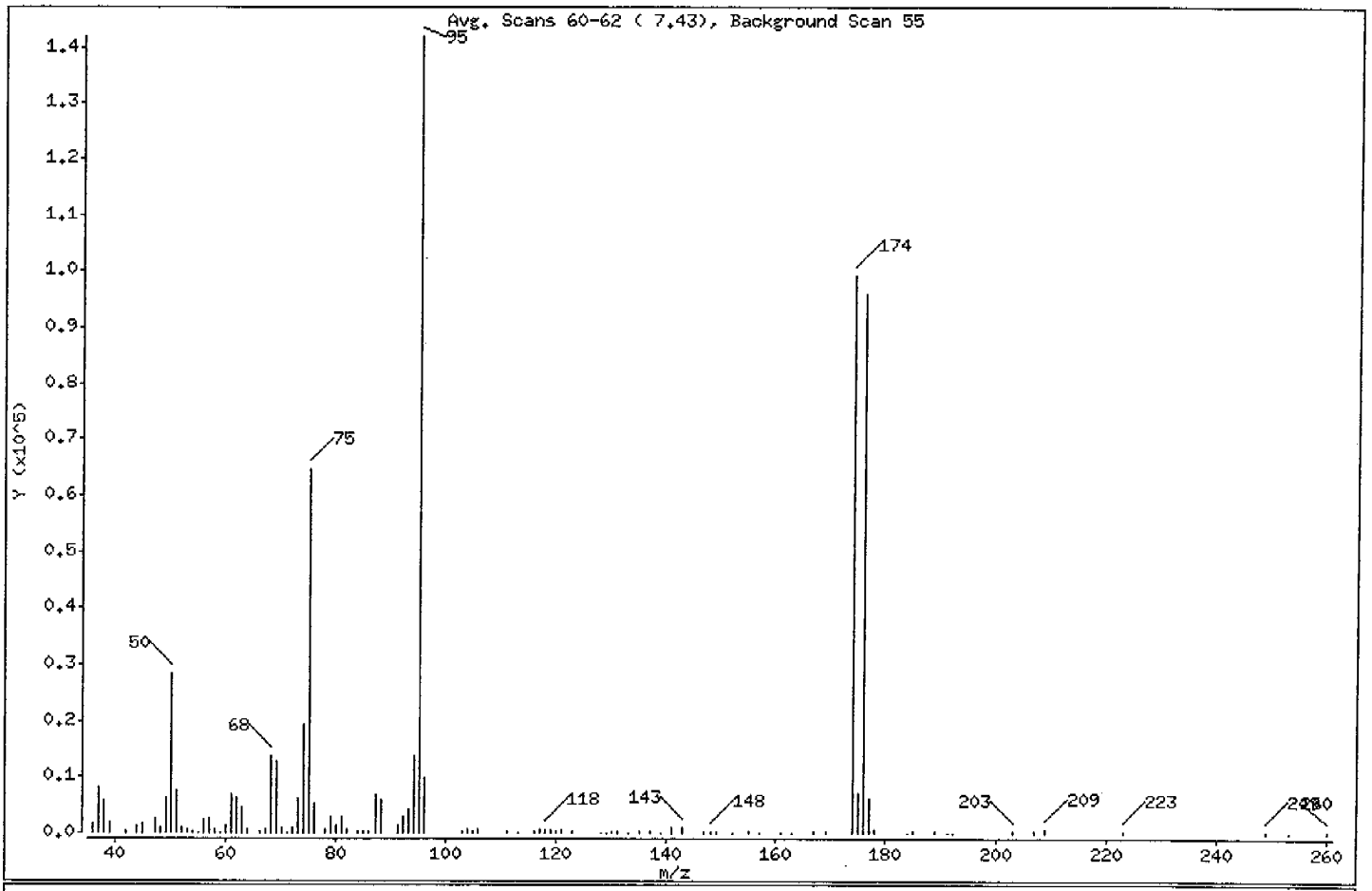
Sample Info: EBFB076a

Operator: VOAMS 5

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.99
75	30.00 - 80.00% of mass 95	45.51
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	69.84
175	5.00 - 9.00% of mass 174	5.11 (7.32)
176	95.00 - 101.00% of mass 174	67.51 (96.67)
177	5.00 - 9.00% of mass 176	4.33 (6.41)

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40852a.d

Date : 17-MAR-2006 07:52

Client ID:

Instrument: VOAMS5.i

Sample Info: EBFB076a

Operator: VOAMS 5

Column phase: DB-624

Column diameter: 0.53

Data File: e40852a.d
Spectrum: Avg. Scans 60-62 (7.43), Background Scan 55
Location of Maximum: 95.00
Number of points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1720	67.00	732	103.00	318	152.00	39
37.00	8018	68.00	13578	104.00	606	155.00	264
38.00	5948	69.00	12598	105.00	199	157.00	5
39.00	1908	70.00	1020	106.00	694	161.00	44
42.00	198	71.00	7	111.00	188	163.00	45
44.00	1185	72.00	1131	113.00	92	167.00	355
45.00	1783	73.00	6047	116.00	271	169.00	253
47.00	2683	74.00	19344	117.00	682	174.00	99112
48.00	934	75.00	64576	118.00	765	175.00	7256
49.00	6319	76.00	5212	119.00	623	176.00	95808
50.00	28368	78.00	769	120.00	198	177.00	6144
51.00	7400	79.00	3040	121.00	679	178.00	563
52.00	881	80.00	1174	123.00	178	184.00	114
53.00	758	81.00	3026	128.00	16	185.00	180
54.00	213	82.00	490	129.00	67	189.00	420
55.00	146	84.00	403	130.00	409	191.00	93
56.00	2318	85.00	240	131.00	242	192.00	96
57.00	2616	86.00	208	133.00	8	203.00	439
58.00	795	87.00	6843	135.00	287	207.00	194
59.00	112	88.00	5800	137.00	187	209.00	562
60.00	1355	91.00	1206	139.00	74	223.00	198
61.00	6798	92.00	2965	141.00	966	249.00	172
62.00	6317	93.00	4375	143.00	1098	253.00	95
63.00	4510	94.00	13623	147.00	243	260.00	217
64.00	534	95.00	141888	148.00	437		
66.00	249	96.00	9673	149.00	205		

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40852a.d

Date : 17-MAR-2006 07:52

Client ID:

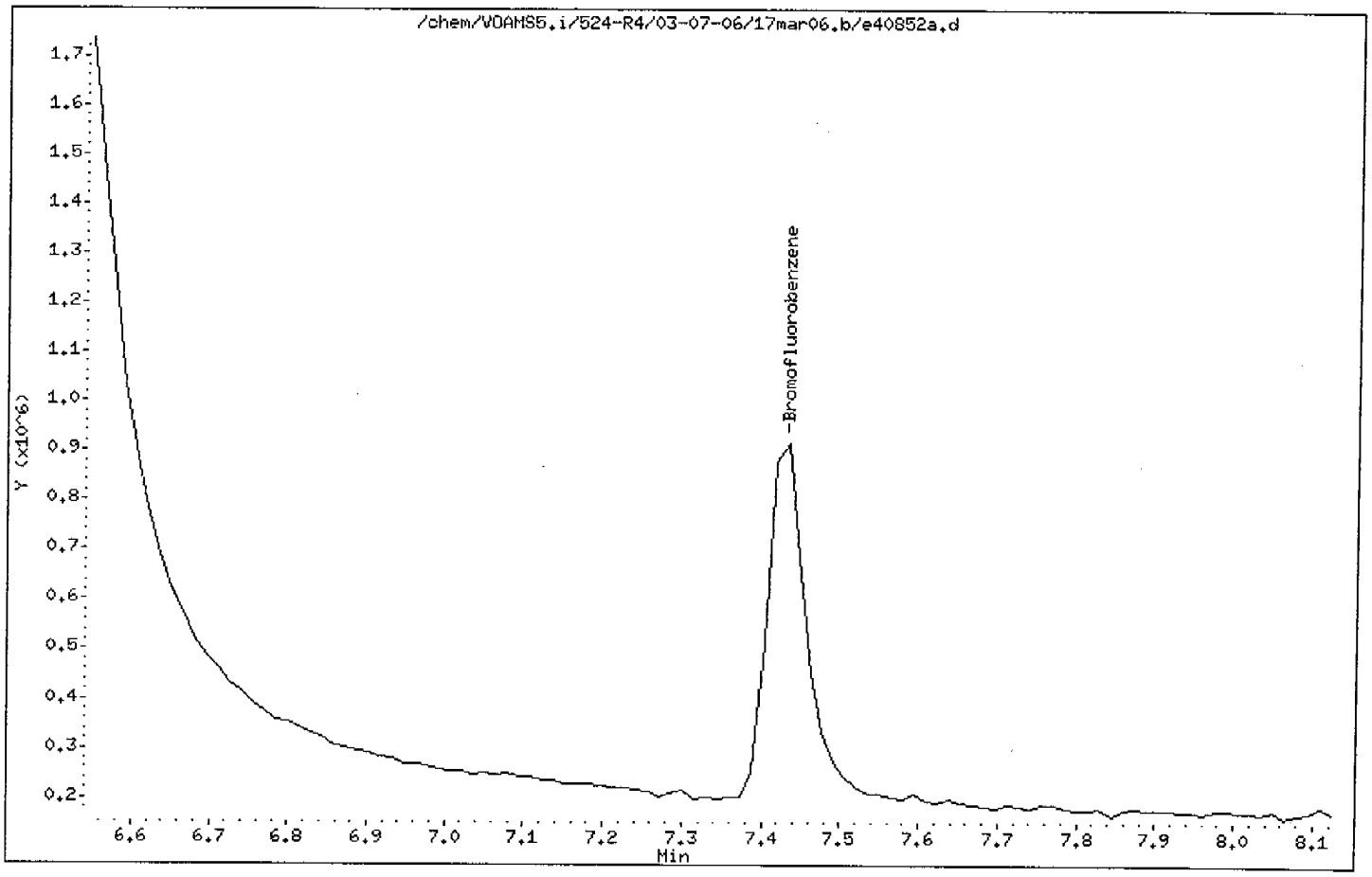
Instrument: VOAMS5.i

Sample Info: EBFB076a

Operator: VOAMS 5

Column phase: DB-624

Column diameter: 0.53



Method Blank Results Summary

VOLATILE METHOD BLANK SUMMARY

LAB SAMPLE NO.

EV076

Matrix: WATER

Level: DW

Lab File ID: E40864

Instrument ID: VOAMS5

Date Analyzed: 03/17/06

Time Analyzed: 1433

Heated Purge (Y/N) N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	TIME ANALYZED
01	1425BS	1425BS	E40860	1233
02	1425BSD	1425BSD	E40861	1303
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
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30				

COMMENTS:

VOLATILE METHOD BLANK SUMMARY

LAB SAMPLE NO.

EV076

Matrix: WATER

Level: DW

Lab File ID: E40864

Instrument ID: VOAMS5

Date Analyzed: 03/17/06

Time Analyzed: 1433

Heated Purge (Y/N) N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	TIME ANALYZED
01	476LOCK	715155	E40868	1633
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
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29				
30				

COMMENTS:

page 1 of 1

Client ID: **EV076**
Site:

Lab Sample No: **EV076**
Lab Job No: 1425

Date Sampled: _____
Date Received: _____
Date Analyzed: 03/17/06
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e40864.d

Matrix: WATER
Level: DW
Purge Volume: 25.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 524.2

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Dichlorodifluoromethane	ND	0.5
Chloromethane	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	0.5
Chloroethane	ND	0.5
Trichlorofluoromethane	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Bromochloromethane	ND	0.5
Chloroform	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
Benzene	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Dibromomethane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
1,3-Dichloropropane	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5

Client ID: **EV076**
Site:

Lab Sample No: **EV076**
Lab Job No: 1425

Date Sampled: _____
Date Received: _____
Date Analyzed: 03/17/06
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e40864.d

Matrix: WATER
Level: DW
Purge Volume: 25.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 524.2

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Xylene (Total)	ND	0.5
Styrene	ND	0.5
Bromoform	ND	0.5
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
Bromobenzene	ND	0.5
1,2,3-Trichloropropane	ND	0.5
n-Propylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
m-Dichlorobenzene	ND	0.5
4-Isopropyltoluene	ND	0.5
p-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
o-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	1.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	0.5
1,2,3-Trichlorobenzene	ND	0.5
TBA	ND	50
MTBE	ND	0.5
Freon TF	ND	0.5
p-Ethyltoluene	ND	0.5
p-Diethylbenzene	ND	0.5
1,2,4,5-Tetramethylbenzene	ND	0.5
Isopropanol	ND	100
n-Propanol	ND	250
2-Methylnaphthalene	ND	0.5
Dimethylnaphthalene (total)	ND	0.5

Client ID: **EV076**
Site:

Lab Sample No: **EV076**
Lab Job No: 1425

Date Sampled: _____
Date Received: _____
Date Analyzed: 03/17/06
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e40864.d

Matrix: WATER
Level: DW
Purge Volume: 25.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 524.2

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Vinyl Acetate	ND	0.5
Hexane	ND	0.5
1,4-Dioxane	ND	500
Cyclohexane	ND	1.0
Ethyl Acetate	ND	1.0

Client ID: **EV076**
Site:

Lab Sample No: **EV076**
Lab Job No: 1425

Date Sampled: _____
Date Received: _____
Date Analyzed: 03/17/06
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e40864.d

Matrix: WATER
Level: DW
Purge Volume: 25.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 524.2

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
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27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 0.0

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40864.d
Report Date: 20-Mar-2006 11:37

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VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40864.d
Lab Smp Id: EV076
Inj Date : 17-MAR-2006 14:33
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : EV076
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524/03-17-06/17mar06.b/524_2_05.m
Meth Date : 17-Mar-2006 12:21 lily Quant Type: ISTD
Cal Date : 17-MAR-2006 12:01 Cal File: e40859.d
Als bottle: 13 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

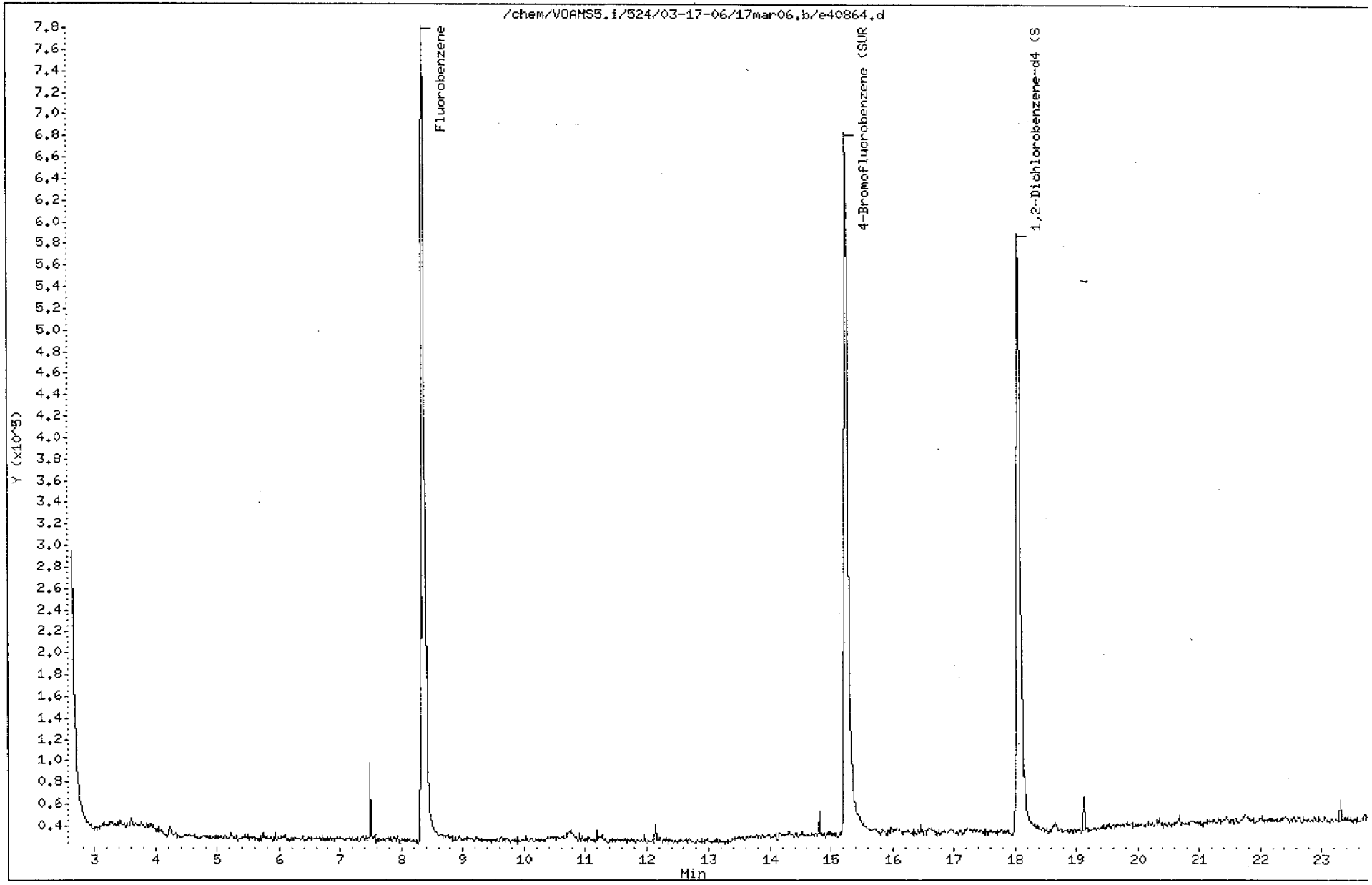
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 2 Fluorobenzene	96	8.361	8.325	(1.000)	1377022	5.00000	
$ 42 4-Bromofluorobenzene (SUR)	95	15.247	15.219	(1.824)	708552	4.77394	4.8
$ 57 1,2-Dichlorobenzene-d4 (SUR)	152	18.062	18.040	(2.160)	408381	4.65083	4.6

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40864.d
Date : 17-MAR-2006 14:33
Client ID: EV076
Sample Info: EV076
Purge Volume: 25.0
Column phase: DB624

Instrument: VOAMS5.i
Operator: VOAMS 5
Column diameter: 0.53



VOLATILE METHOD BLANK SUMMARY

LAB SAMPLE NO.

EV076A

Matrix: WATER

Date Analyzed: 03/17/06

Level: DW

Time Analyzed: 1433

Lab File ID: E40864A

Heated Purge (Y/N) N

Instrument ID: VOAMS5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	TIME ANALYZED
01	1427BS	1427BS	E40862	1333
02	1427BSD-R4	1427BSD-R4	E40863	1403
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
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14				
15				
16				
17				
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19				
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29				
30				

COMMENTS:

LAB SAMPLE NO.

EV076A

VOLATILE METHOD BLANK SUMMARY

Matrix: WATER

Level: DW

Lab File ID: E40864A

Instrument ID: VOAMS5

Date Analyzed: 03/17/06

Time Analyzed: 1433

Heated Purge (Y/N) N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	TIME ANALYZED
01	476LOCK	715155	E40868A	1633
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
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28				
29				
30				

COMMENTS:

Client ID: **EV076A**
Site:

Lab Sample No: **EV076A**
Lab Job No: 1427

Date Sampled: _____
Date Received: _____
Date Analyzed: 03/17/06
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e40864a.d

Matrix: WATER
Level: DW
Purge Volume: 25.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 524.2

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Acetone	ND	2.5
2-Butanone	ND	2.5
4-Methyl-2-pentanone	ND	2.5
2-Hexanone	ND	2.5
Carbon Disulfide	ND	2.5
Diethyl Ether	ND	2.5
Iodomethane	ND	2.5
Allyl Chloride	ND	2.5
Acrylonitrile	ND	25
Propionitrile	ND	25
Methyl Acrylate	ND	2.5
Methacrylonitrile	ND	2.5
Tetrahydrofuran	ND	2.5
1-Chlorobutane	ND	2.5
Methyl Methacrylate	ND	2.5
2-Nitropropane	ND	25
Chloroacetonitrile	ND	25
1,1-Dichloropropanone	ND	2.5
Ethyl Methacrylate	ND	2.5
trans-1,4-Dichloro-2-butene	ND	2.5
Pentachloroethane	ND	2.5
Hexachloroethane	ND	2.5
Nitrobenzene	ND	25

Client ID: **EV076A**
Site:

Lab Sample No: **EV076A**
Lab Job No: 1427

Date Sampled: _____
Date Received: _____
Date Analyzed: 03/17/06
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e40864a.d

Matrix: WATER
Level: DW
Purge Volume: 25.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 524.2

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
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28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40864a.d
Report Date: 20-Mar-2006 13:35

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VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40864a.d
Lab Smp Id: EV076A Client Smp ID: EV076A
Inj Date : 17-MAR-2006 14:33
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : EV076a
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/524R4_04.m
Meth Date : 20-Mar-2006 13:34 lily Quant Type: ISTD
Cal Date : 07-MAR-2006 15:17 Cal File: e40746.d
Als bottle: 13 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

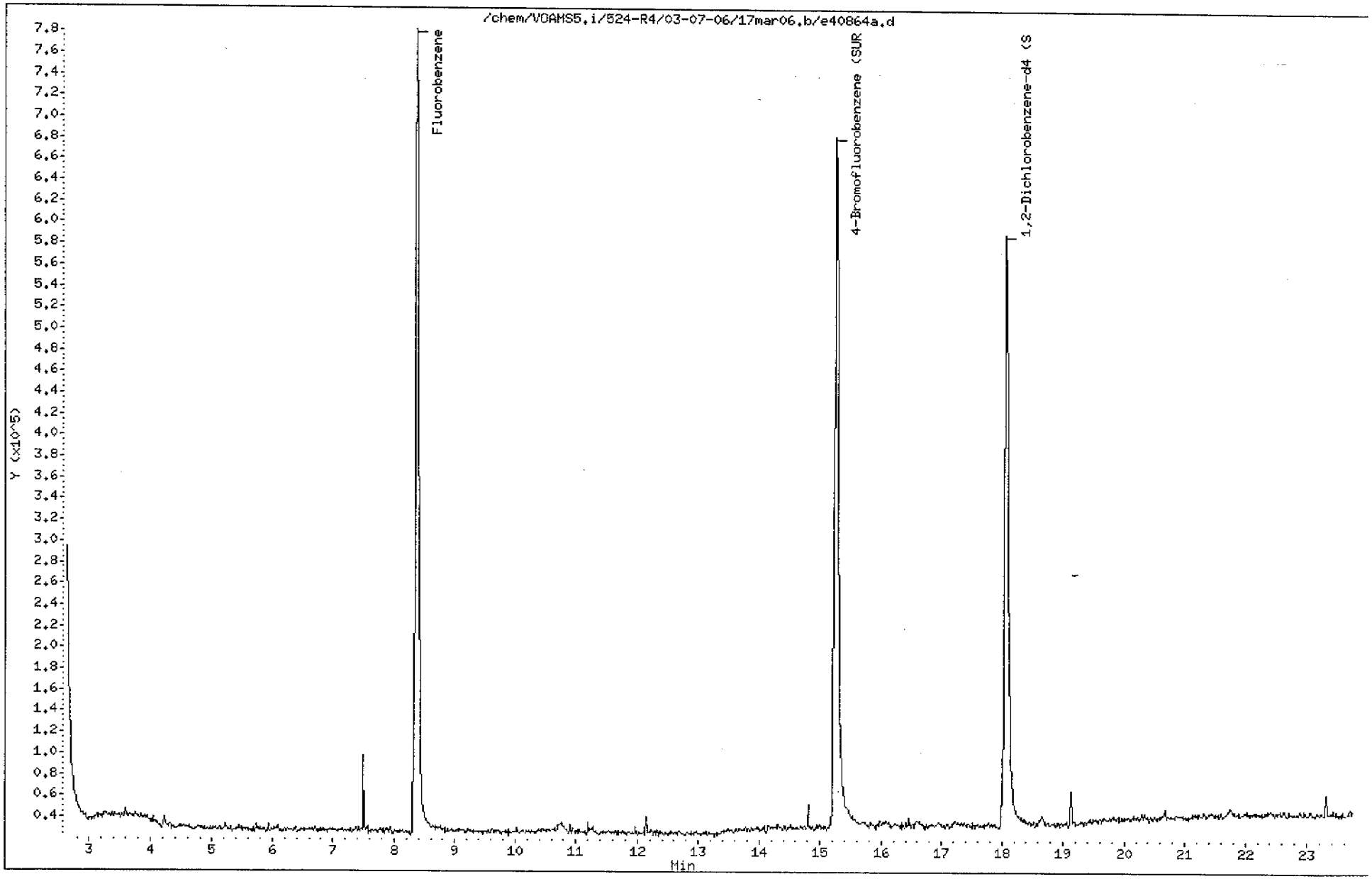
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
* 2 Fluorobenzene	96	8.361	8.336	(1.000)	1398660	5.00000	
$ 42 4-Bromofluorobenzene (SUR)	95	15.247	15.226	(1.824)	708552	4.38261	4.4
$ 57 1,2-Dichlorobenzene-d4 (SUR)	152	18.062	18.044	(2.160)	408381	4.27785	4.3

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40864a.d
Date : 17-MAR-2006 14:33
Client ID: EV076A
Sample Info: EV076a
Purge Volume: 25.0
Column phase: DB624

Instrument: VOAMS5.i

Operator: VOAMS 5
Column diameter: 0.53



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Calibration Summary

VOLATILE ORGANICS INITIAL CALIBRATION DATA
METHOD 524.2

Instrument ID: VOAMS5 Calibration Date(s): 03/17/06 03/17/06

Heated Purge: (Y/N) N Calibration Time(s): 0823 1201

LAB FILE ID: RRF1: E40859 RRF2: E40853 RRF5: E40855
RRF20: E40856 RRF40: E40857

COMPOUND	RRF1	RRF2	RRF5	RRF20	RRF40
Dichlorodifluoromethane	0.450	0.412	0.404	0.508	0.415
Chloromethane	0.296	0.294	0.281	0.326	0.287
Vinyl Chloride	0.326	0.301	0.298	0.356	0.312
Bromomethane	0.322	0.274	0.280	0.324	0.284
Chloroethane	0.224	0.201	0.187	0.220	0.194
Trichlorofluoromethane	0.628	0.596	0.580	0.693	0.575
1,1-Dichloroethene	0.464	0.436	0.440	0.514	0.444
Methylene Chloride	0.245	0.220	0.206	0.245	0.219
trans-1,2-Dichloroethene	0.337	0.310	0.311	0.362	0.320
1,1-Dichloroethane	0.622	0.574	0.564	0.656	0.582
cis-1,2-Dichloroethene	0.342	0.294	0.298	0.347	0.309
2,2-Dichloropropane	0.522	0.492	0.487	0.560	0.484
Bromochloromethane	0.126	0.118	0.117	0.142	0.129
Chloroform	0.560	0.541	0.529	0.625	0.552
1,1,1-Trichloroethane	0.576	0.529	0.513	0.608	0.533
1,1-Dichloropropene	0.517	0.448	0.459	0.541	0.475
Carbon Tetrachloride	0.521	0.495	0.491	0.580	0.500
Benzene	0.907	0.856	0.841	0.979	0.866
1,2-Dichloroethane	0.195	0.186	0.191	0.235	0.206
Trichloroethene	0.397	0.376	0.379	0.446	0.390
1,2-Dichloropropane	0.321	0.283	0.288	0.348	0.308
Dibromomethane	0.147	0.134	0.133	0.164	0.144
Bromodichloromethane	0.412	0.398	0.413	0.498	0.442
cis-1,3-Dichloropropene	0.381	0.343	0.352	0.446	0.400
Toluene	0.694	0.635	0.625	0.738	0.664
trans-1,3-Dichloropropene	0.226	0.223	0.225	0.295	0.271
1,1,2-Trichloroethane	0.130	0.120	0.121	0.152	0.134
Tetrachloroethene	0.528	0.456	0.467	0.558	0.504
1,3-Dichloropropane	0.290	0.244	0.247	0.302	0.272
Dibromochloromethane	0.274	0.258	0.259	0.334	0.298
1,2-Dibromoethane	0.211	0.198	0.196	0.238	0.214
Chlorobenzene	0.796	0.761	0.745	0.885	0.800
1,1,1,2-Tetrachloroethane	0.363	0.334	0.332	0.393	0.355
Ethylbenzene	1.459	1.361	1.361	1.576	1.380
Xylene (Total)	0.566	0.490	0.508	0.595	0.534
Styrene	0.736	0.671	0.699	0.842	0.764
Bromoform	0.122	0.120	0.124	0.162	0.151
Isopropylbenzene	1.622	1.463	1.458	1.692	1.485
1,1,2,2-Tetrachloroethane	0.182	0.165	0.168	0.204	0.181

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 524.2

Instrument ID: VOAMS5 Calibration Date(s): 03/17/06 03/17/06

Heated Purge: (Y/N) N Calibration Time(s): 0823 1201

LAB FILE ID: RRF1: E40859 RRF2: E40853 RRF5: E40855
RRF20: E40856 RRF40: E40857

COMPOUND	RRF1	RRF2	RRF5	RRF20	RRF40
Bromobenzene	0.334	0.301	0.293	0.364	0.331
1,2,3-Trichloropropane	0.047	0.046	0.043	0.051	0.045
n-Propylbenzene	1.823	1.690	1.682	1.953	1.701
2-Chlorotoluene	1.110	0.994	0.987	1.135	0.994
1,3,5-Trimethylbenzene	1.219	1.102	1.090	1.275	1.110
4-Chlorotoluene	1.186	1.071	1.072	1.272	1.090
tert-Butylbenzene	1.363	1.244	1.209	1.400	1.240
1,2,4-Trimethylbenzene	1.103	1.052	1.046	1.220	1.075
sec-Butylbenzene	1.725	1.580	1.540	1.802	1.563
m-Dichlorobenzene	0.636	0.576	0.560	0.685	0.620
4-Isopropyltoluene	1.498	1.379	1.353	1.572	1.364
p-Dichlorobenzene	0.627	0.572	0.545	0.660	0.584
n-Butylbenzene	1.377	1.274	1.227	1.422	1.222
o-Dichlorobenzene	0.490	0.440	0.427	0.523	0.469
1,2-Dibromo-3-Chloropropane	0.032	0.026	0.025	0.032	0.030
1,2,4-Trichlorobenzene	0.330	0.284	0.290	0.381	0.357
Hexachlorobutadiene	0.309	0.259	0.260	0.308	0.285
Naphthalene	0.331	0.270	0.269	0.356	0.323
1,2,3-Trichlorobenzene	0.255	0.211	0.211	0.274	0.253
TBA					
MTBE	0.384	0.321	0.324	0.387	0.351
Freon TF	0.607	0.557	0.551	0.657	0.551
p-Ethyltoluene					
p-Diethylbenzene					
1,2,4,5-Tetramethylbenzene					
Isopropanol					
n-Propanol					
2-Methylnaphthalene					
Dimethylnaphthalene (total)					
Vinyl Acetate					
Hexane					
1,4-Dioxane					
Cyclohexane					
Ethyl Acetate					
4-Bromofluorobenzene (SUR)	0.532	0.517	0.509	0.612	0.525
1,2-Dichlorobenzene-d4 (SUR)	0.313	0.300	0.298	0.366	0.316

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 524.2

Instrument ID: VOAMS5 Calibration Date(s): 03/17/06 03/17/06

Heated Purge: (Y/N) N Calibration Time(s): 0823 1201

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Dichlorodifluoromethane	AVRG	0.43800218	9.8*
Chloromethane	AVRG	0.29669732	5.8*
Vinyl Chloride	AVRG	0.31873393	7.4*
Bromomethane	AVRG	0.29686404	8.1*
Chloroethane	AVRG	0.20534614	7.9*
Trichlorofluoromethane	AVRG	0.61460343	7.9*
1,1-Dichloroethene	AVRG	0.45946281	7.0*
Methylene Chloride	AVRG	0.22705227	7.7*
trans-1,2-Dichloroethene	AVRG	0.32800902	6.6*
1,1-Dichloroethane	AVRG	0.59957707	6.4*
cis-1,2-Dichloroethene	AVRG	0.31824367	7.8*
2,2-Dichloropropane	AVRG	0.50901448	6.3*
Bromochloromethane	AVRG	0.12628554	7.9*
Chloroform	AVRG	0.56148274	6.7*
1,1,1-Trichloroethane	AVRG	0.55189864	7.1*
1,1-Dichloropropene	AVRG	0.48793656	8.1*
Carbon Tetrachloride	AVRG	0.51747427	7.1*
Benzene	AVRG	0.88998088	6.2*
1,2-Dichloroethane	AVRG	0.20249489	9.7*
Trichloroethene	AVRG	0.39782110	7.2*
1,2-Dichloropropane	AVRG	0.30975157	8.5*
Dibromomethane	AVRG	0.14425456	8.6*
Bromodichloromethane	AVRG	0.43267265	9.3*
cis-1,3-Dichloropropene	AVRG	0.38421690	10.7*
Toluene	AVRG	0.67125588	6.8*
trans-1,3-Dichloropropene	AVRG	0.24804895	13.4*
1,1,2-Trichloroethane	AVRG	0.13140277	9.8*
Tetrachloroethene	AVRG	0.50265365	8.4*
1,3-Dichloropropane	AVRG	0.27099835	9.4*
Dibromochloromethane	AVRG	0.28463970	11.3*
1,2-Dibromoethane	AVRG	0.21168406	8.0*
Chlorobenzene	AVRG	0.79742786	6.8*
1,1,1,2-Tetrachloroethane	AVRG	0.35525251	7.0*
Ethylbenzene	AVRG	1.42747429	6.5*
Xylene (Total)	AVRG	0.53869844	7.9*
Styrene	AVRG	0.74226256	8.9*
Bromoform	AVRG	0.13599205	14.1*
Isopropylbenzene	AVRG	1.54407817	6.9*
1,1,2,2-Tetrachloroethane	AVRG	0.17996822	8.5*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 524.2

Instrument ID: VOAMS5 Calibration Date(s): 03/17/06 03/17/06

Heated Purge: (Y/N) N Calibration Time(s): 0823 1201

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Bromobenzene	AVRG	0.32467867	8.8*
1,2,3-Trichloropropane	AVRG	0.04637684	6.5*
n-Propylbenzene	AVRG	1.76977523	6.6*
2-Chlorotoluene	AVRG	1.04390799	6.9*
1,3,5-Trimethylbenzene	AVRG	1.15930326	7.1*
4-Chlorotoluene	AVRG	1.13855117	7.8*
tert-Butylbenzene	AVRG	1.29116459	6.6*
1,2,4-Trimethylbenzene	AVRG	1.09934663	6.5*
sec-Butylbenzene	AVRG	1.64224269	7.0*
m-Dichlorobenzene	AVRG	0.61537326	8.1*
4-Isopropyltoluene	AVRG	1.43310706	6.7*
p-Dichlorobenzene	AVRG	0.59758541	7.7*
n-Butylbenzene	AVRG	1.30447551	7.0*
o-Dichlorobenzene	AVRG	0.46985964	8.2*
1,2-Dibromo-3-Chloropropane	AVRG	0.02922481	11.6*
1,2,4-Trichlorobenzene	AVRG	0.32867096	12.7*
Hexachlorobutadiene	AVRG	0.28420987	8.6*
Naphthalene	AVRG	0.30963964	12.5*
1,2,3-Trichlorobenzene	AVRG	0.24078718	11.7*
TBA	AVRG		
MTBE	AVRG	0.35364717	9.0*
Freon TF	AVRG	0.58454293	8.0*
p-Ethyltoluene	AVRG		
p-Diethylbenzene	AVRG		
1,2,4,5-Tetramethylbenzene	AVRG		
Isopropanol	AVRG		
n-Propanol	AVRG		
2-Methylnaphthalene	AVRG		
Dimethylnaphthalene (total)	AVRG		
Vinyl Acetate	AVRG		
Hexane	AVRG		
1,4-Dioxane	AVRG		
Cyclohexane	AVRG		
Ethyl Acetate	AVRG		
4-Bromofluorobenzene (SUR)	AVRG	0.53891999	7.7*
1,2-Dichlorobenzene-d4 (SUR)	AVRG	0.31883362	8.7*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40859.d
Report Date: 20-Mar-2006 13:30

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VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40859.d
Lab Smp Id: ESTD001
Inj Date : 17-MAR-2006 12:01
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : ESTD001
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524/03-17-06/17mar06.b/524_2_05.m
Meth Date : 20-Mar-2006 13:30 lily Quant Type: ISTD
Cal Date : 17-MAR-2006 12:01 Cal File: e40859.d
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

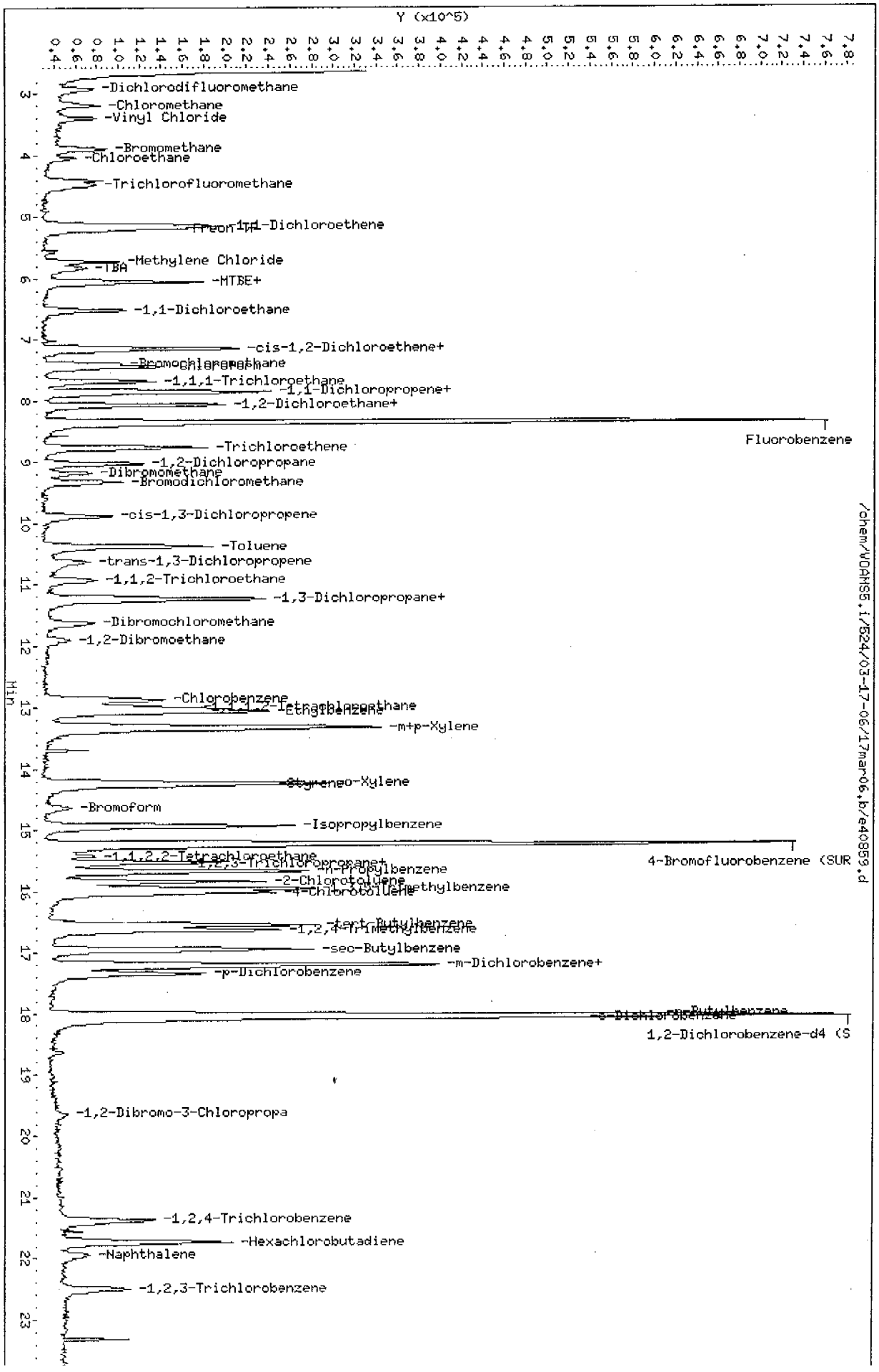
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	2.911	2.910	(0.349)	122157	1.00000	1.0
3	Chloromethane	50	3.177	3.175	(0.380)	80186	1.00000	1.00
4	Vinyl Chloride	62	3.397	3.395	(0.407)	88490	1.00000	1.0
5	Bromomethane	94	3.897	3.880	(0.466)	87275	1.00000	1.1
6	Chloroethane	64	4.058	4.026	(0.486)	60746	1.00000	1.1
7	Trichlorofluoromethane	101	4.483	4.467	(0.537)	170474	1.00000	1.0
8	1,1-Dichloroethene	61	5.128	5.112	(0.614)	125777	1.00000	1.0
111	Freon TF	101	5.187	5.156	(0.621)	164567	1.00000	1.0
9	Methylene Chloride	84	5.715	5.699	(0.684)	66515	1.00000	1.1
110	MTBE	73	6.052	6.022	(0.724)	104318	1.00000	1.1
10	trans-1,2-Dichloroethene	96	6.052	6.036	(0.724)	91340	1.00000	1.0
11	1,1-Dichloroethane	63	6.521	6.491	(0.781)	168884	1.00000	1.0
12	cis-1,2-Dichloroethene	96	7.137	7.122	(0.854)	92690	1.00000	1.1
13	2,2-Dichloropropane	77	7.166	7.136	(0.858)	141529	1.00000	1.0
14	Bromochloromethane	128	7.400	7.371	(0.886)	34082	1.00000	0.99
15	Chloroform	83	7.445	7.430	(0.891)	151895	1.00000	1.00

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40859.d
Report Date: 20-Mar-2006 13:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 1,1,1-Trichloroethane	97	7.679	7.664	(0.919)	156156	1.00000	1.0
	17 1,1-Dichloropropene	75	7.840	7.826	(0.939)	140207	1.00000	1.0
	18 Carbon Tetrachloride	117	7.870	7.855	(0.942)	141287	1.00000	1.0
	20 1,2-Dichloroethane	62	8.061	8.046	(0.965)	52812	1.00000	0.96
	19 Benzene	78	8.075	8.046	(0.967)	246165	1.00000	1.0
*	2 Fluorobenzene	96	8.354	8.325	(1.000)	1356384	5.00000	
	21 Trichloroethene	95	8.764	8.736	(1.049)	107801	1.00000	1.00
	22 1,2-Dichloropropane	63	9.014	9.000	(1.079)	87096	1.00000	1.0
	23 Dibromomethane	93	9.175	9.147	(1.098)	39944	1.00000	1.0
	24 Bromodichloromethane	83	9.322	9.293	(1.116)	111682	1.00000	0.95
	25 cis-1,3-Dichloropropene	75	9.879	9.865	(1.183)	103260	1.00000	0.99
	26 Toluene	92	10.377	10.350	(1.242)	188409	1.00000	1.0
	27 trans-1,3-Dichloropropene	75	10.641	10.599	(1.274)	61177	1.00000	0.91
	28 1,1,2-Trichloroethane	83	10.935	10.907	(1.309)	35231	1.00000	0.99
	30 1,3-Dichloropropane	76	11.228	11.200	(1.344)	78597	1.00000	1.1
	29 Tetrachloroethene	166	11.243	11.230	(1.346)	143377	1.00000	1.0
	31 Dibromochloromethane	129	11.624	11.611	(1.391)	74234	1.00000	0.96
	32 1,2-Dibromoethane	107	11.917	11.875	(1.427)	57225	1.00000	1.00
	33 Chlorobenzene	112	12.870	12.843	(1.541)	215830	1.00000	1.00
	34 1,1,1,2-Tetrachloroethane	131	13.002	12.975	(1.556)	98590	1.00000	1.0
	35 Ethylbenzene	91	13.061	13.048	(1.563)	395927	1.00000	1.0
	36 m+p-Xylene	106	13.325	13.298	(1.595)	316606	2.00000	2.1
	37 o-Xylene	106	14.234	14.207	(1.704)	143682	1.00000	1.0
	39 Styrene	104	14.264	14.236	(1.707)	199645	1.00000	0.99
	40 Bromoform	173	14.630	14.618	(1.751)	33256	1.00000	0.90
	41 Isopropylbenzene	105	14.938	14.926	(1.788)	439988	1.00000	1.0
$	42 4-Bromofluorobenzene (SUR)	95	15.232	15.219	(1.823)	721473	5.00000	4.9
	43 1,1,2,2-Tetrachloroethane	83	15.422	15.410	(1.846)	49295	1.00000	1.0
	45 1,2,3-Trichloropropane	110	15.555	15.513	(1.862)	12660	1.00000	1.0
	44 Bromobenzene	156	15.540	15.528	(1.860)	90748	1.00000	1.0
	46 n-Propylbenzene	91	15.672	15.660	(1.876)	494585	1.00000	1.0
	47 2-Chlorotoluene	91	15.848	15.836	(1.897)	301187	1.00000	1.1
	48 1,3,5-Trimethylbenzene	105	15.966	15.954	(1.911)	330772	1.00000	1.0
	49 4-Chlorotoluene	91	16.025	16.013	(1.918)	321893	1.00000	1.0
	50 tert-Butylbenzene	119	16.553	16.541	(1.981)	369825	1.00000	1.0
	51 1,2,4-Trimethylbenzene	105	16.641	16.630	(1.992)	299320	1.00000	1.0
	52 sec-Butylbenzene	105	16.949	16.938	(2.029)	468005	1.00000	1.0
	53 m-Dichlorobenzene	146	17.184	17.173	(2.057)	172528	1.00000	1.0
	54 4-Isopropyltoluene	119	17.213	17.202	(2.061)	406250	1.00000	1.0
	55 p-Dichlorobenzene	146	17.346	17.335	(2.076)	170175	1.00000	1.0
	56 n-Butylbenzene	91	18.021	18.010	(2.157)	373588	1.00000	1.0
$	57 1,2-Dichlorobenzene-d4 (SUR)	152	18.050	18.040	(2.161)	424744	5.00000	4.9
	58 o-Dichlorobenzene	146	18.080	18.084	(2.164)	133020	1.00000	1.0
	59 1,2-Dibromo-3-Chloropropane	75	19.620	19.640	(2.349)	8828	1.00000	1.1
	60 1,2,4-Trichlorobenzene	180	21.366	21.372	(2.558)	89573	1.00000	1.0
	61 Hexachlorobutadiene	225	21.734	21.725	(2.602)	83883	1.00000	1.1
	62 Naphthalene	128	21.939	21.931	(2.626)	89703	1.00000	1.1

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40859.d
Report Date: 20-Mar-2006 13:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
63 1,2,3-Trichlorobenzene	180	22.512	22.489	(2.695)	69079	1.00000	1.0
M 38 Xylene (Total)	100				460288	3.00000	3.1



Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40859.d
Date : 17-MAR-2006 12:01
Client ID:
Sample Info: ESTD001
Purge Volume: 25.0
Column phase: DB624

Instrument: VOAMS5.i
Operator: VOAMS 5
Column diameter: 0.53

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40853.d
Report Date: 20-Mar-2006 13:30

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VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40853.d
Lab Smp Id: ESTD002
Inj Date : 17-MAR-2006 08:23
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : ESTD002
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524/03-17-06/17mar06.b/524_2_05.m
Meth Date : 20-Mar-2006 13:30 lily Quant Type: ISTD
Cal Date : 17-MAR-2006 08:23 Cal File: e40853.d
Als bottle: 2 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

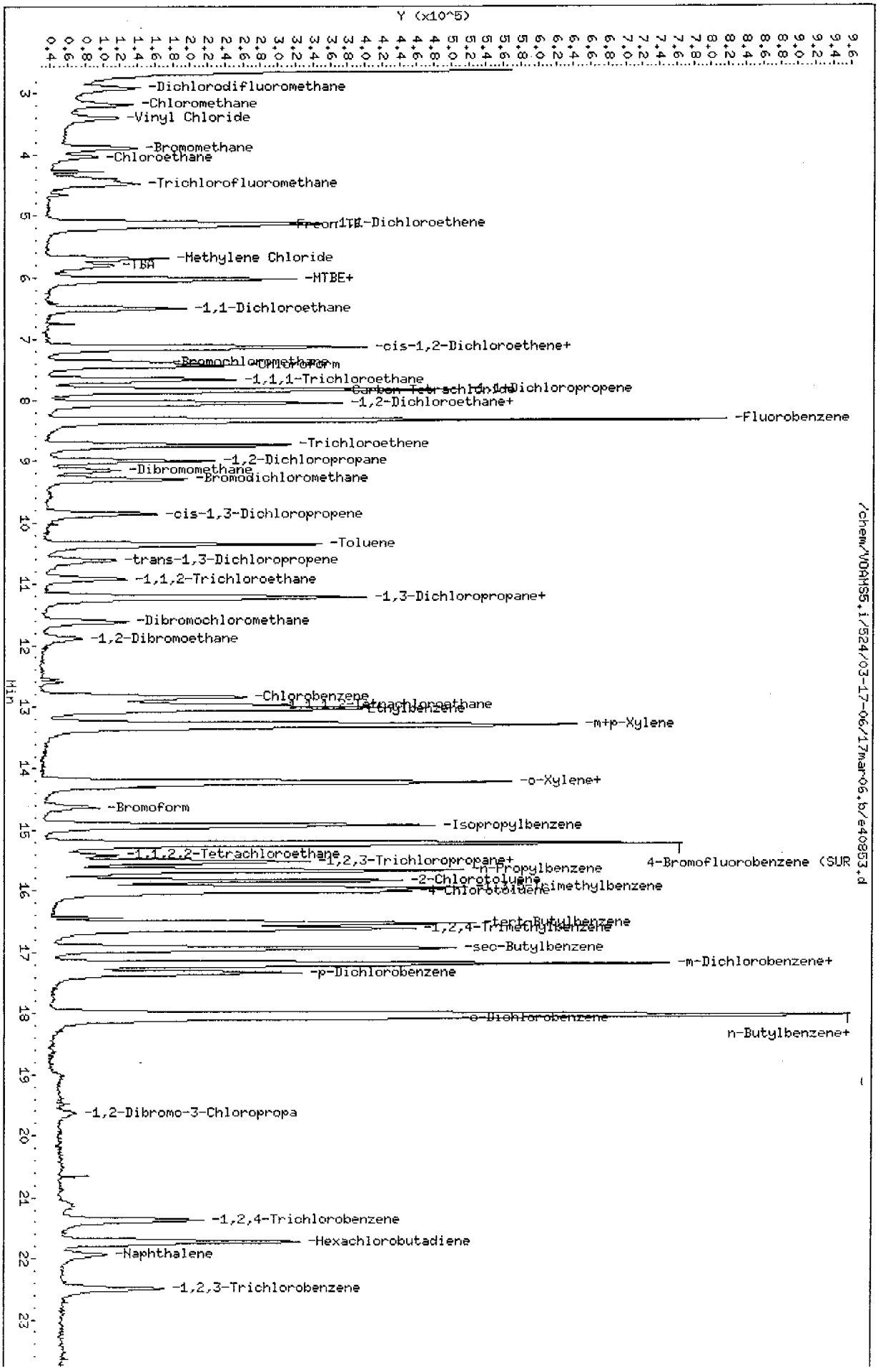
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	2.910	2.910	(0.350)	233355	2.00000	1.9
3 Chloromethane	50	3.175	3.175	(0.381)	166349	2.00000	2.0
4 Vinyl Chloride	62	3.395	3.395	(0.408)	170147	2.00000	1.9
5 Bromomethane	94	3.880	3.880	(0.466)	154930	2.00000	1.8
6 Chloroethane	64	4.026	4.026	(0.484)	113826	2.00000	2.0
7 Trichlorofluoromethane	101	4.467	4.467	(0.537)	337174	2.00000	1.9
8 1,1-Dichloroethene	61	5.112	5.112	(0.614)	246540	2.00000	1.9
111 Freon TF	101	5.156	5.156	(0.619)	315365	2.00000	1.9
9 Methylene Chloride	84	5.699	5.699	(0.685)	124239	2.00000	1.9
110 MTBE	73	6.022	6.022	(0.723)	181657	2.00000	1.8
10 trans-1,2-Dichloroethene	96	6.036	6.036	(0.725)	175682	2.00000	1.9
11 1,1-Dichloroethane	63	6.491	6.491	(0.780)	324727	2.00000	1.9
12 cis-1,2-Dichloroethene	96	7.122	7.122	(0.855)	166678	2.00000	1.8
13 2,2-Dichloropropane	77	7.136	7.136	(0.857)	278278	2.00000	1.9
14 Bromochloromethane	128	7.371	7.371	(0.885)	66510	2.00000	1.9
15 Chloroform	83	7.430	7.430	(0.892)	306165	2.00000	1.9

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40853.d
Report Date: 20-Mar-2006 13:30

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16	1,1,1-Trichloroethane	97	7.664	7.664	(0.921)	299495	2.00000	1.9
	17	1,1-Dichloropropene	75	7.826	7.826	(0.940)	253623	2.00000	1.8
	18	Carbon Tetrachloride	117	7.855	7.855	(0.944)	280236	2.00000	1.9
	20	1,2-Dichloroethane	62	8.046	8.046	(0.966)	105385	2.00000	1.8
	19	Benzene	78	8.046	8.046	(0.966)	484478	2.00000	1.9
*	2	Fluorobenzene	96	8.325	8.325	(1.000)	1414562	5.00000	
	21	Trichloroethene	95	8.736	8.736	(1.049)	213059	2.00000	1.9
	22	1,2-Dichloropropane	63	9.000	9.000	(1.081)	160133	2.00000	1.8
	23	Dibromomethane	93	9.147	9.147	(1.099)	75666	2.00000	1.8
	24	Bromodichloromethane	83	9.293	9.293	(1.116)	225187	2.00000	1.8
	25	cis-1,3-Dichloropropene	75	9.865	9.865	(1.185)	194023	2.00000	1.8
	26	Toluene	92	10.350	10.350	(1.243)	359450	2.00000	1.9
	27	trans-1,3-Dichloropropene	75	10.599	10.599	(1.273)	126249	2.00000	1.8
	28	1,1,2-Trichloroethane	83	10.907	10.907	(1.310)	68019	2.00000	1.8
	30	1,3-Dichloropropane	76	11.200	11.200	(1.345)	137827	2.00000	1.8
	29	Tetrachloroethene	166	11.230	11.230	(1.349)	257909	2.00000	1.8
	31	Dibromochloromethane	129	11.611	11.611	(1.395)	145875	2.00000	1.8
	32	1,2-Dibromoethane	107	11.875	11.875	(1.426)	112185	2.00000	1.9
	33	Chlorobenzene	112	12.843	12.843	(1.543)	430608	2.00000	1.9
	34	1,1,1,2-Tetrachloroethane	131	12.975	12.975	(1.559)	188746	2.00000	1.9
	35	Ethylbenzene	91	13.048	13.048	(1.567)	770339	2.00000	1.9
	36	m+p-Xylene	106	13.298	13.298	(1.597)	575283	4.00000	3.6
	37	o-Xylene	106	14.207	14.207	(1.707)	257234	2.00000	1.8
	39	Styrene	104	14.236	14.236	(1.710)	379705	2.00000	1.8
	40	Bromoform	173	14.618	14.618	(1.756)	68104	2.00000	1.8
	41	Isopropylbenzene	105	14.926	14.926	(1.793)	827808	2.00000	1.9
$	42	4-Bromofluorobenzene (SUR)	95	15.219	15.219	(1.828)	731958	5.00000	4.8
	43	1,1,2,2-Tetrachloroethane	83	15.410	15.410	(1.851)	93297	2.00000	1.8
	45	1,2,3-Trichloropropane	110	15.513	15.513	(1.863)	26294	2.00000	2.0
	44	Bromobenzene	156	15.528	15.528	(1.865)	170508	2.00000	1.8
	46	n-Propylbenzene	91	15.660	15.660	(1.881)	956011	2.00000	1.9
	47	2-Chlorotoluene	91	15.836	15.836	(1.902)	562308	2.00000	1.9
	48	1,3,5-Trimethylbenzene	105	15.954	15.954	(1.916)	623609	2.00000	1.9
	49	4-Chlorotoluene	91	16.013	16.013	(1.923)	606233	2.00000	1.9
	50	tert-Butylbenzene	119	16.541	16.541	(1.987)	703746	2.00000	1.9
	51	1,2,4-Trimethylbenzene	105	16.630	16.630	(1.998)	595055	2.00000	1.9
	52	sec-Butylbenzene	105	16.938	16.938	(2.035)	894308	2.00000	1.9
	53	m-Dichlorobenzene	146	17.173	17.173	(2.063)	325733	2.00000	1.9
	54	4-Isopropyltoluene	119	17.202	17.202	(2.066)	780545	2.00000	1.9
	55	p-Dichlorobenzene	146	17.335	17.335	(2.082)	323398	2.00000	1.9
	56	n-Butylbenzene	91	18.010	18.010	(2.163)	721190	2.00000	2.0
$	57	1,2-Dichlorobenzene-d4 (SUR)	152	18.040	18.040	(2.167)	424142	5.00000	4.7
	58	o-Dichlorobenzene	146	18.084	18.084	(2.172)	249220	2.00000	1.9
	59	1,2-Dibromo-3-Chloropropane	75	19.640	19.640	(2.359)	14755	2.00000	1.8
	60	1,2,4-Trichlorobenzene	180	21.372	21.372	(2.567)	161002	2.00000	1.7
	61	Hexachlorobutadiene	225	21.725	21.725	(2.610)	146795	2.00000	1.8
	62	Naphthalene	128	21.931	21.931	(2.634)	152890	2.00000	1.7

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40853.d
Report Date: 20-Mar-2006 13:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
63 1,2,3-Trichlorobenzene	180	22.489	22.489	(2.701)	119402	2.00000	1.8
M 38 Xylene (Total)	100				832517	6.00000	5.5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-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Freon 113
-1,1-Dichloroethene
-Methylene Chloride
-TBA
-MTBE+
-1,1-Dichloroethane
-cis-1,2-Dichloroethene+
-Bromochloromethane
-Chloroform
-1,1,1-Trichloroethane
-Carbon Tetrachloride
-1,1-Dichloropropene
-1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane
-Dibromomethane
-Bromodichloromethane
-cis-1,3-Dichloropropene
-Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene
-1,1,1,2-Tetrachloroethane
-Ethylbenzene
-m+p-Xylene
-o-Xylene+
-Bromoform
-Isopropylbenzene
-1,1,2,2-Tetrachloroethane
-1,2,3-Trichloropropane+
-n-Propylbenzene
4-Bromofluorobenzene (SUR
-2-Chlorotoluene
-4-Chlorotoluene
-1,3,5-Trimethylbenzene
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-m-Dichlorobenzene+
-p-Dichlorobenzene
-o-Dichlorobenzene
n-Butylbenzene+
-1,2-Dibromo-3-Chloropropa
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
Min
/chem/VOAMS5.i/524/03-17-06/17mar06.b/e40853.d
Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40853.d
Date : 17-MAR-2006 08:23
Client ID:
Sample Info: ESTD002
Purge Volume: 25.0
Column phase: DB624
Instrument: VOAMS5.i
Operator: VOAMS 5
Column diameter: 0.53

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40855.d
Report Date: 20-Mar-2006 13:30

STL Edison

VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40855.d
Lab Smp Id: ESTD005
Inj Date : 17-MAR-2006 09:54
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : ESTD005
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524/03-17-06/17mar06.b/524_2_05.m
Meth Date : 20-Mar-2006 13:30 lily Quant Type: ISTD
Cal Date : 17-MAR-2006 09:54 Cal File: e40855.d
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

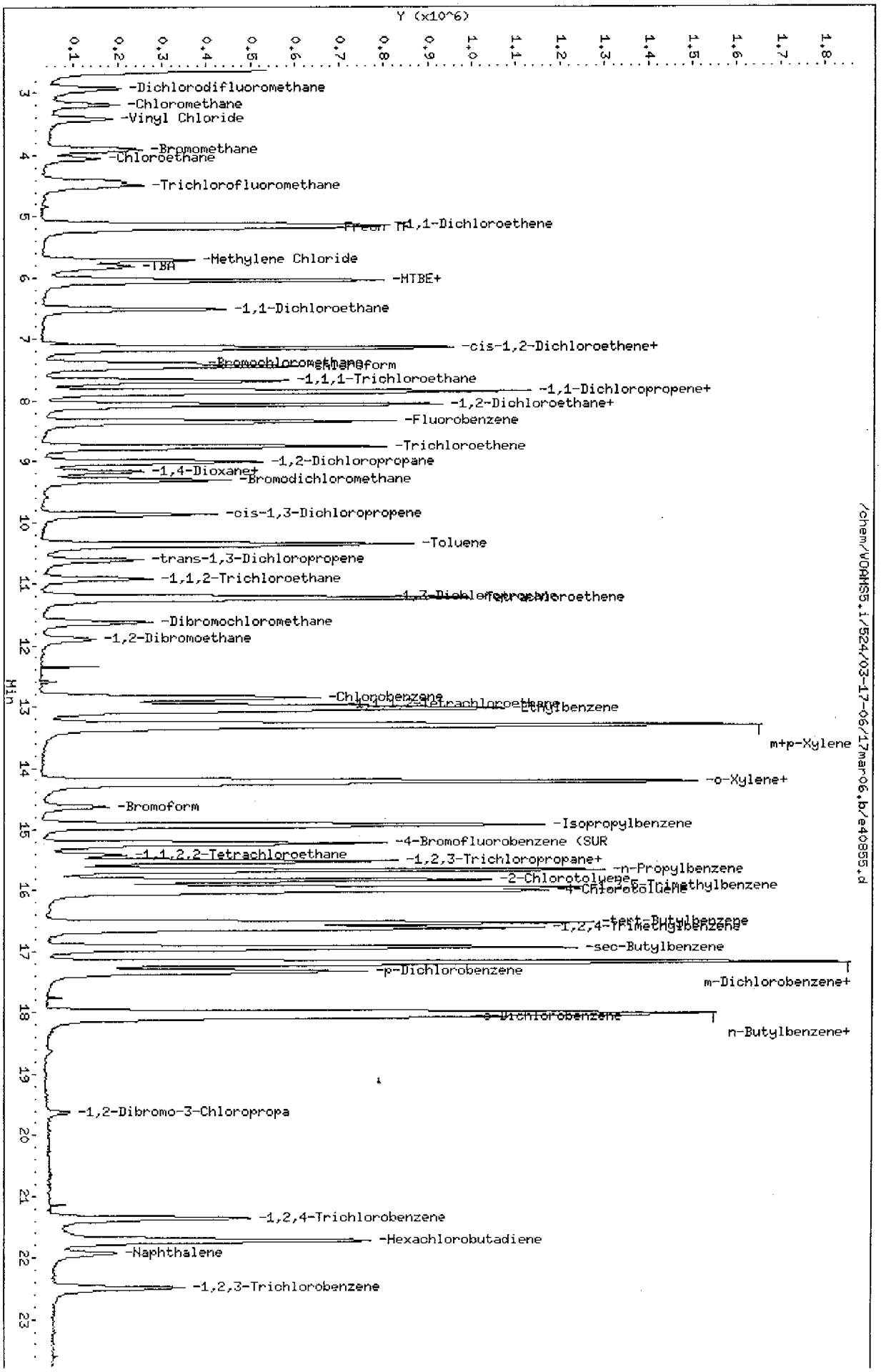
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	2.924	2.910	(0.350)	596406	5.00000	4.6
3 Chloromethane	50	3.203	3.175	(0.384)	414904	5.00000	4.7
4 Vinyl Chloride	62	3.423	3.395	(0.410)	440318	5.00000	4.7
5 Bromomethane	94	3.907	3.880	(0.468)	413593	5.00000	4.7
6 Chloroethane	64	4.054	4.026	(0.485)	275543	5.00000	4.5
7 Trichlorofluoromethane	101	4.494	4.467	(0.538)	855235	5.00000	4.7
8 1,1-Dichloroethene	61	5.139	5.112	(0.615)	649214	5.00000	4.8
111 Freon TF	101	5.184	5.156	(0.621)	812329	5.00000	4.7
9 Methylene Chloride	84	5.712	5.699	(0.684)	303956	5.00000	4.5
110 MTBE	73	6.049	6.022	(0.724)	478169	5.00000	4.6
10 trans-1,2-Dichloroethene	96	6.049	6.036	(0.724)	458797	5.00000	4.7
11 1,1-Dichloroethane	63	6.518	6.491	(0.780)	831679	5.00000	4.7
12 cis-1,2-Dichloroethene	96	7.134	7.122	(0.854)	439805	5.00000	4.7
13 2,2-Dichloropropane	77	7.149	7.136	(0.856)	718603	5.00000	4.8
14 Bromochloromethane	128	7.398	7.371	(0.886)	173300	5.00000	4.6
15 Chloroform	83	7.442	7.430	(0.891)	780072	5.00000	4.7

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40855.d
Report Date: 20-Mar-2006 13:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 1,1,1-Trichloroethane	97	7.677	7.664	(0.919)	757225	5.00000	4.6
	17 1,1-Dichloropropene	75	7.838	7.826	(0.938)	677387	5.00000	4.7
	18 Carbon Tetrachloride	117	7.868	7.855	(0.942)	724823	5.00000	4.7
	20 1,2-Dichloroethane	62	8.059	8.046	(0.965)	281571	5.00000	4.7
	19 Benzene	78	8.073	8.046	(0.967)	1240422	5.00000	4.7
*	2 Fluorobenzene	96	8.352	8.325	(1.000)	1475052	5.00000	
	21 Trichloroethene	95	8.763	8.736	(1.049)	558741	5.00000	4.8
	22 1,2-Dichloropropane	63	9.012	9.000	(1.079)	425174	5.00000	4.6
	23 Dibromomethane	93	9.174	9.147	(1.098)	196176	5.00000	4.6
	24 Bromodichloromethane	83	9.320	9.293	(1.116)	608725	5.00000	4.8
	25 cis-1,3-Dichloropropene	75	9.878	9.865	(1.183)	518858	5.00000	4.6
	26 Toluene	92	10.361	10.350	(1.241)	921777	5.00000	4.6
	27 trans-1,3-Dichloropropene	75	10.626	10.599	(1.272)	332215	5.00000	4.5
	28 1,1,2-Trichloroethane	83	10.919	10.907	(1.307)	178524	5.00000	4.6
	30 1,3-Dichloropropane	76	11.212	11.200	(1.342)	364818	5.00000	4.6
	29 Tetrachloroethene	166	11.242	11.230	(1.346)	688981	5.00000	4.6
	31 Dibromochloromethane	129	11.623	11.611	(1.392)	382660	5.00000	4.6
	32 1,2-Dibromoethane	107	11.887	11.875	(1.423)	289509	5.00000	4.6
	33 Chlorobenzene	112	12.855	12.843	(1.539)	1098757	5.00000	4.7
	34 1,1,1,2-Tetrachloroethane	131	12.987	12.975	(1.555)	489384	5.00000	4.7
	35 Ethylbenzene	91	13.046	13.048	(1.562)	2007644	5.00000	4.8
	36 m+p-Xylene	106	13.310	13.298	(1.594)	1557723	10.0000	9.4
	37 o-Xylene	106	14.219	14.207	(1.702)	691682	5.00000	4.7
	39 Styrene	104	14.234	14.236	(1.704)	1030622	5.00000	4.7
	40 Bromoform	173	14.630	14.618	(1.752)	182925	5.00000	4.6
	41 Isopropylbenzene	105	14.923	14.926	(1.787)	2150274	5.00000	4.7
$	42 4-Bromofluorobenzene (SUR)	95	15.231	15.219	(1.824)	750332	5.00000	4.7
	43 1,1,2,2-Tetrachloroethane	83	15.422	15.410	(1.847)	248363	5.00000	4.7
	45 1,2,3-Trichloropropane	110	15.525	15.513	(1.859)	62890	5.00000	4.6
	44 Bromobenzene	156	15.525	15.528	(1.859)	431964	5.00000	4.5
	46 n-Propylbenzene	91	15.672	15.660	(1.876)	2481384	5.00000	4.8
	47 2-Chlorotoluene	91	15.834	15.836	(1.896)	1455842	5.00000	4.7
	48 1,3,5-Trimethylbenzene	105	15.951	15.954	(1.910)	1607504	5.00000	4.7
	49 4-Chlorotoluene	91	16.010	16.013	(1.917)	1581688	5.00000	4.7
	50 tert-Butylbenzene	119	16.539	16.541	(1.980)	1782944	5.00000	4.7
	51 1,2,4-Trimethylbenzene	105	16.627	16.630	(1.991)	1543505	5.00000	4.8
	52 sec-Butylbenzene	105	16.950	16.938	(2.029)	2271272	5.00000	4.7
	53 m-Dichlorobenzene	146	17.185	17.173	(2.058)	825887	5.00000	4.5
	54 4-Isopropyltoluene	119	17.200	17.202	(2.059)	1995935	5.00000	4.7
	55 p-Dichlorobenzene	146	17.347	17.335	(2.077)	803561	5.00000	4.6
	56 n-Butylbenzene	91	18.008	18.010	(2.156)	1809491	5.00000	4.7
$	57 1,2-Dichlorobenzene-d4 (SUR)	152	18.037	18.040	(2.160)	439802	5.00000	4.7
	58 o-Dichlorobenzene	146	18.081	18.084	(2.165)	629582	5.00000	4.5
	59 1,2-Dibromo-3-Chloropropane	75	19.637	19.640	(2.351)	37209	5.00000	4.3
	60 1,2,4-Trichlorobenzene	180	21.369	21.372	(2.558)	428451	5.00000	4.4
	61 Hexachlorobutadiene	225	21.722	21.725	(2.601)	383062	5.00000	4.6
	62 Naphthalene	128	21.928	21.931	(2.625)	396459	5.00000	4.3

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40855.d
Report Date: 20-Mar-2006 13:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 1,2,3-Trichlorobenzene	180	22.501	22.489	(2.694)	311733	5.00000	4.4
M 38 Xylene (Total)	100				2249405	15.0000	14



Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40855.d
Date : 17-MAR-2006 09:54
Client ID:
Sample Info: ESTD005
Purge Volume: 25.0
Column phase: DB624

Instrument: VOAMS5.i
Operator: VOAMS 5
Column diameter: 0.53

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40856.d
Report Date: 20-Mar-2006 13:30

STL Edison

VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40856.d
Lab Smp Id: ESTD020
Inj Date : 17-MAR-2006 10:25
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : ESTD020
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524/03-17-06/17mar06.b/524_2_05.m
Meth Date : 20-Mar-2006 13:30 lily Quant Type: ISTD
Cal Date : 17-MAR-2006 10:25 Cal File: e40856.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	2.925	2.910	(0.351)	2354037	20.0000	23
3 Chloromethane	50	3.203	3.175	(0.384)	1510040	20.0000	22
4 Vinyl Chloride	62	3.423	3.395	(0.411)	1652526	20.0000	22
5 Bromomethane	94	3.922	3.880	(0.470)	1502590	20.0000	22
6 Chloroethane	64	4.054	4.026	(0.486)	1022217	20.0000	21
7 Trichlorofluoromethane	101	4.480	4.467	(0.537)	3215240	20.0000	22
8 1,1-Dichloroethene	61	5.125	5.112	(0.615)	2382371	20.0000	22
111 Freon TF	101	5.169	5.156	(0.620)	3047986	20.0000	22
9 Methylene Chloride	84	5.712	5.699	(0.685)	1137319	20.0000	22
110 MTBE	73	6.035	6.022	(0.724)	1795756	20.0000	22
10 trans-1,2-Dichloroethene	96	6.050	6.036	(0.725)	1678725	20.0000	22
11 1,1-Dichloroethane	63	6.505	6.491	(0.780)	3041421	20.0000	22
12 cis 1,2-Dichloroethene	96	7.135	7.122	(0.856)	1610381	20.0000	22
13 2,2-Dichloropropane	77	7.150	7.136	(0.857)	2595882	20.0000	22
14 Bromochloromethane	128	7.385	7.371	(0.886)	657452	20.0000	22
15 Chloroform	83	7.443	7.430	(0.893)	2897848	20.0000	22

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40856.d
Report Date: 20-Mar-2006 13:30

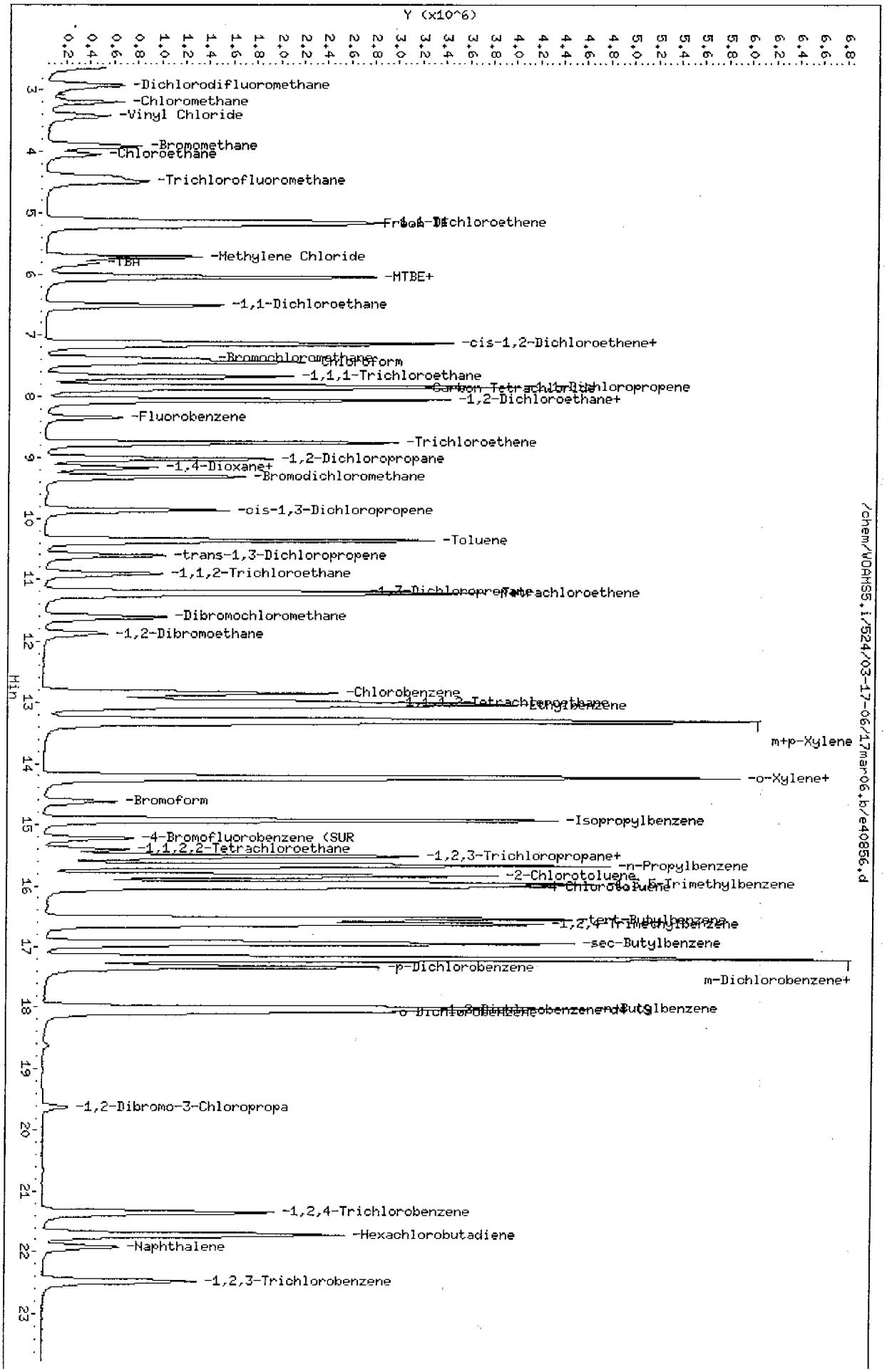
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	
	16 1,1,1-Trichloroethane	97	7.678	7.664	(0.921)	2820876	20.0000	22	
	17 1,1-Dichloropropene	75	7.840	7.826	(0.940)	2506809	20.0000	22	
	18 Carbon Tetrachloride	117	7.869	7.855	(0.944)	2688449	20.0000	22	
	20 1,2-Dichloroethane	62	8.060	8.046	(0.967)	1090038	20.0000	23	
	19 Benzene	78	8.060	8.046	(0.967)	4539463	20.0000	22	
*	2 Fluorobenzene	96	8.339	8.325	(1.000)	1159090	5.00000		(T)
	21 Trichloroethene	95	8.750	8.736	(1.049)	2070316	20.0000	22	
	22 1,2-Dichloropropane	63	9.014	9.000	(1.081)	1614906	20.0000	22	
	23 Dibromomethane	93	9.161	9.147	(1.099)	758705	20.0000	23	
	24 Bromodichloromethane	83	9.308	9.293	(1.116)	2311025	20.0000	23	
	25 cis-1,3-Dichloropropene	75	9.865	9.865	(1.183)	2065875	20.0000	23	
	26 Toluene	92	10.364	10.350	(1.243)	3421115	20.0000	22	
	27 trans-1,3-Dichloropropene	75	10.614	10.599	(1.273)	1368739	20.0000	24	
	28 1,1,2-Trichloroethane	83	10.907	10.907	(1.308)	704409	20.0000	23	
	30 1,3-Dichloropropane	76	11.201	11.200	(1.343)	1399358	20.0000	22	
	29 Tetrachloroethene	166	11.230	11.230	(1.347)	2586078	20.0000	22	
	31 Dibromochloromethane	129	11.627	11.611	(1.394)	1549282	20.0000	23	
	32 1,2-Dibromoethane	107	11.891	11.875	(1.426)	1105544	20.0000	22	
	33 Chlorobenzene	112	12.844	12.843	(1.540)	4104769	20.0000	22	
	34 1,1,1,2-Tetrachloroethane	131	12.991	12.975	(1.558)	1820794	20.0000	22	
	35 Ethylbenzene	91	13.035	13.048	(1.563)	7306138	20.0000	22	
	36 m+p-Xylene	106	13.300	13.298	(1.595)	5717102	40.0000	44	
	37 o-Xylene	106	14.224	14.207	(1.706)	2561714	20.0000	22	
	39 Styrene	104	14.239	14.236	(1.707)	3902407	20.0000	23	
	40 Bromoform	173	14.620	14.618	(1.753)	752046	20.0000	24	
	41 Isopropylbenzene	105	14.928	14.926	(1.790)	7846420	20.0000	22	
$	42 4-Bromofluorobenzene (SUR)	95	15.222	15.219	(1.825)	708974	5.00000	5.7	
	43 1,1,2,2-Tetrachloroethane	83	15.413	15.410	(1.848)	946161	20.0000	23	
	45 1,2,3-Trichloropropane	110	15.531	15.513	(1.862)	236389	20.0000	22	
	44 Bromobenzene	156	15.516	15.528	(1.861)	1687958	20.0000	22	
	46 n-Propylbenzene	91	15.663	15.660	(1.878)	9053323	20.0000	22	
	47 2-Chlorotoluene	91	15.840	15.836	(1.899)	5260552	20.0000	22	
	48 1,3,5-Trimethylbenzene	105	15.957	15.954	(1.914)	5910690	20.0000	22	
	49 4 Chlorotoluene	91	16.016	16.013	(1.921)	5899409	20.0000	22	
	50 tert-Butylbenzene	119	16.545	16.541	(1.984)	6491966	20.0000	22	
	51 1,2,4-Trimethylbenzene	105	16.619	16.630	(1.993)	5657661	20.0000	22	
	52 sec-Butylbenzene	105	16.942	16.938	(2.032)	8356067	20.0000	22	
	53 m-Dichlorobenzene	146	17.178	17.173	(2.060)	3178010	20.0000	22	
	54 4-Isopropyltoluene	119	17.207	17.202	(2.063)	7286534	20.0000	22	
	55 p-Dichlorobenzene	146	17.340	17.335	(2.079)	3061535	20.0000	22	
	56 n-Butylbenzene	91	18.001	18.010	(2.159)	6593455	20.0000	22	
$	57 1,2-Dichlorobenzene-d4 (SUR)	152	18.045	18.040	(2.164)	424725	5.00000	5.7	
	58 o-Dichlorobenzene	146	18.074	18.084	(2.167)	2424393	20.0000	22	
	59 1,2-Dibromo-3-Chloropropane	75	19.631	19.640	(2.354)	148977	20.0000	22	
	60 1,2,4-Trichlorobenzene	180	21.348	21.372	(2.560)	1766650	20.0000	23	
	61 Hexachlorobutadiene	225	21.716	21.725	(2.604)	1426331	20.0000	22	
	62 Naphthalene	128	21.923	21.931	(2.629)	1649043	20.0000	23	

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40856.d
Report Date: 20-Mar-2006 13:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 1,2,3-Trichlorobenzene	180	22.481	22.489	(2.696)	1268845	20.0000	23
M 38 Xylene (Total)	100				8278816	60.0000	66

QC Flag Legend

T - Target compound detected outside RT window.



Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40856.d
Date : 17-MAR-2006 10:25
Client ID:
Sample Info: ESTD020
Purge Volume: 25.0
Column phase: DB624

Instrument: VOAMS5.i
Operator: VOAMS 5
Column diameter: 0.53

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40857.d
Report Date: 20-Mar-2006 13:30

STL Edison

VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40857.d
Lab Smp Id: ESTD040
Inj Date : 17-MAR-2006 10:55
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : ESTD040
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524/03-17-06/17mar06.b/524_2_05.m
Meth Date : 20-Mar-2006 13:30 lily Quant Type: ISTD
Cal Date : 17-MAR-2006 10:55 Cal File: e40857.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	2.925	2.910	(0.351)	4285054	40.0000	38
3 Chloromethane	50	3.218	3.175	(0.386)	2961037	40.0000	39
4 Vinyl Chloride	62	3.424	3.395	(0.410)	3217982	40.0000	39
5 Bromomethane	94	3.923	3.880	(0.470)	2933983	40.0000	38
6 Chloroethane	64	4.055	4.026	(0.486)	2005700	40.0000	38
7 Trichlorofluoromethane	101	4.495	4.467	(0.539)	5938206	40.0000	37
8 1,1-Dichloroethene	61	5.126	5.112	(0.615)	4581690	40.0000	39
111 Freon TF	101	5.170	5.156	(0.620)	5682052	40.0000	38
9 Methylene Chloride	84	5.713	5.699	(0.685)	2261351	40.0000	39
110 MTBE	73	6.036	6.022	(0.724)	3623799	40.0000	40
10 trans-1,2-Dichloroethene	96	6.050	6.036	(0.725)	3299600	40.0000	39
11 1,1-Dichloroethane	63	6.505	6.491	(0.780)	6002058	40.0000	39
12 cis-1,2-Dichloroethene	96	7.136	7.122	(0.856)	3193577	40.0000	39
13 2,2-Dichloropropane	77	7.151	7.136	(0.857)	4999717	40.0000	38
14 Bromochloromethane	128	7.385	7.371	(0.886)	1330794	40.0000	41(A)
15 Chloroform	83	7.444	7.430	(0.893)	5701887	40.0000	39

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40857.d
Report Date: 20-Mar-2006 13:30

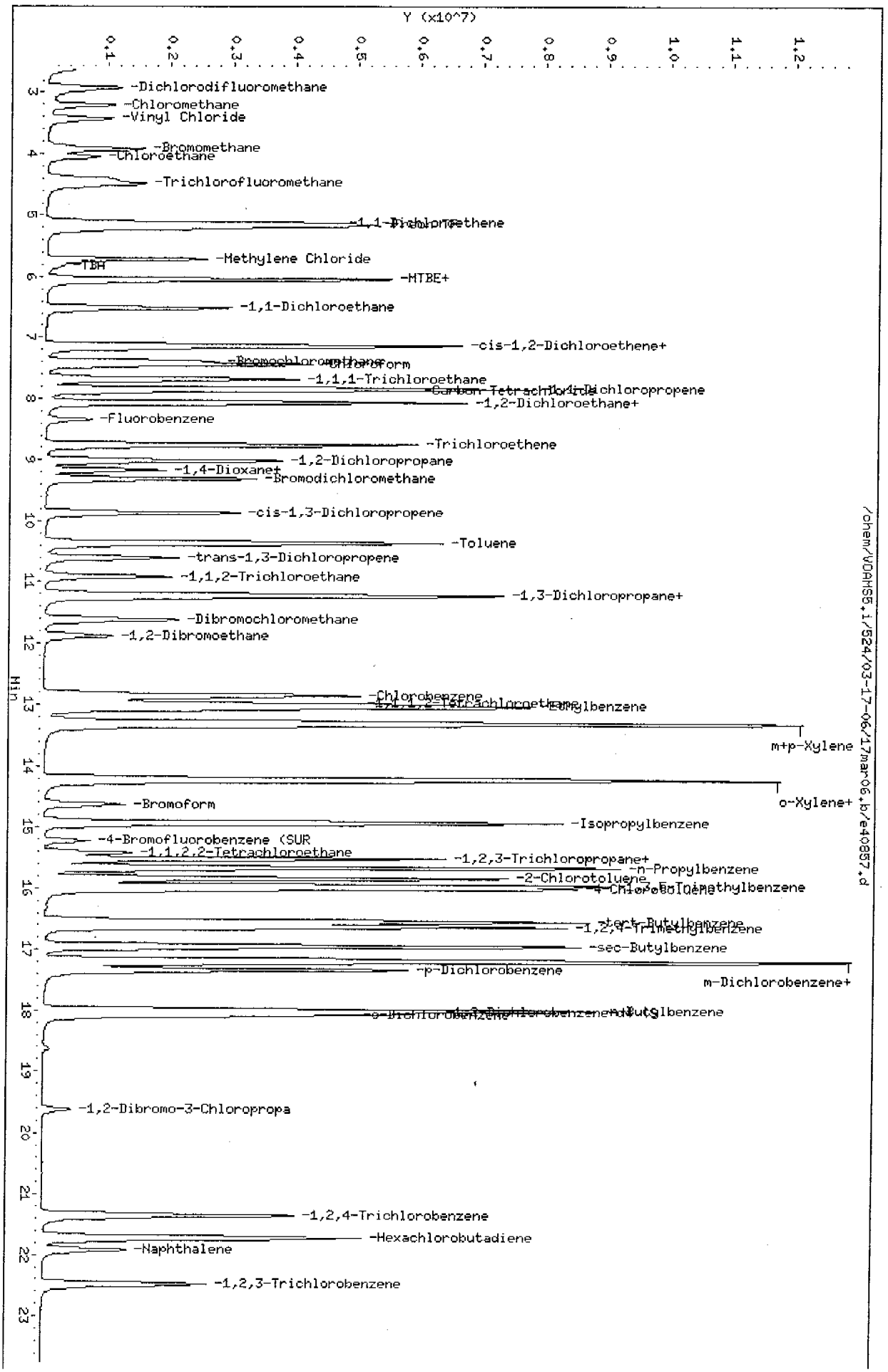
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 1,1,1-Trichloroethane	97	7.679	7.664	(0.921)	5498084	40.0000	39
	17 1,1-Dichloropropene	75	7.841	7.826	(0.940)	4898698	40.0000	39
	18 Carbon Tetrachloride	117	7.870	7.855	(0.944)	5160172	40.0000	39
	20 1,2-Dichloroethane	62	8.061	8.046	(0.967)	2121219	40.0000	41(A)
	19 Benzene	78	8.061	8.046	(0.967)	8939014	40.0000	39
*	2 Fluorobenzene	96	8.340	8.325	(1.000)	1289968	5.00000	(T)
	21 Trichloroethene	95	8.751	8.736	(1.049)	4023076	40.0000	39
	22 1,2-Dichloropropane	63	9.015	9.000	(1.081)	3179859	40.0000	40
	23 Dibromomethane	93	9.162	9.147	(1.099)	1482566	40.0000	40
	24 Bromodichloromethane	83	9.309	9.293	(1.116)	4567063	40.0000	41(A)
	25 cis-1,3-Dichloropropene	75	9.867	9.865	(1.183)	4129963	40.0000	42(A)
	26 Toluene	92	10.369	10.350	(1.243)	6849066	40.0000	40
	27 trans-1,3-Dichloropropene	75	10.605	10.599	(1.272)	2798352	40.0000	44(A)
	28 1,1,2-Trichloroethane	83	10.915	10.907	(1.309)	1382539	40.0000	41(A)
	30 1,3-Dichloropropane	76	11.209	11.200	(1.344)	2812417	40.0000	40(A)
	29 Tetrachloroethene	166	11.239	11.230	(1.348)	5201767	40.0000	40(A)
	31 Dibromochloromethane	129	11.624	11.611	(1.394)	3076954	40.0000	42(A)
	32 1,2-Dibromoethane	107	11.891	11.875	(1.426)	2213421	40.0000	40(A)
	33 Chlorobenzene	112	12.849	12.843	(1.541)	8258555	40.0000	40(A)
	34 1,1,1,2-Tetrachloroethane	131	12.982	12.975	(1.557)	3661049	40.0000	40
	35 Ethylbenzene	91	13.042	13.048	(1.564)	14236407	40.0000	39
	36 m+p-Xylene	106	13.309	13.298	(1.596)	11442454	80.0000	79
	37 o-Xylene	106	14.224	14.207	(1.706)	5087727	40.0000	39
	39 Styrene	104	14.239	14.236	(1.707)	7883294	40.0000	41(A)
	40 Bromoform	173	14.624	14.618	(1.753)	1556099	40.0000	44(A)
	41 Isopropylbenzene	105	14.934	14.926	(1.791)	15328292	40.0000	38
$	42 4-Bromofluorobenzene (SUR)	95	15.228	15.219	(1.826)	677104	5.00000	4.9
	43 1,1,2,2-Tetrachloroethane	83	15.419	15.410	(1.849)	1865704	40.0000	40(A)
	45 1,2,3-Trichloropropane	110	15.522	15.513	(1.861)	465669	40.0000	39
	44 Bromobenzene	156	15.522	15.528	(1.861)	3411822	40.0000	41(A)
	46 n-Propylbenzene	91	15.670	15.660	(1.879)	17555939	40.0000	38
	47 2-Chlorotoluene	91	15.831	15.836	(1.898)	10256708	40.0000	38
	48 1,3,5-Trimethylbenzene	105	15.964	15.954	(1.914)	11459317	40.0000	38
	49 4-Chlorotoluene	91	16.008	16.013	(1.919)	11248939	40.0000	38
	50 tert-Butylbenzene	119	16.537	16.541	(1.983)	12794759	40.0000	38
	51 1,2,4-Trimethylbenzene	105	16.626	16.630	(1.993)	11093837	40.0000	39
	52 sec-Butylbenzene	105	16.949	16.938	(2.032)	16133884	40.0000	38
	53 m-Dichlorobenzene	146	17.170	17.173	(2.059)	6396649	40.0000	40(A)
	54 4-Isopropyltoluene	119	17.199	17.202	(2.062)	14073762	40.0000	38
	55 p-Dichlorobenzene	146	17.332	17.335	(2.078)	6026367	40.0000	39
	56 n-Butylbenzene	91	18.008	18.010	(2.159)	12608660	40.0000	37
$	57 1,2-Dichlorobenzene-d4 (SUR)	152	18.037	18.040	(2.163)	408396	5.00000	5.0
	58 o-Dichlorobenzene	146	18.081	18.084	(2.168)	4837556	40.0000	40
	59 1,2-Dibromo-3-Chloropropane	75	19.624	19.640	(2.353)	311107	40.0000	41(A)
	60 1,2,4-Trichlorobenzene	180	21.356	21.372	(2.561)	3685315	40.0000	43(A)
	61 Hexachlorobutadiene	225	21.724	21.725	(2.605)	2941790	40.0000	40(A)
	62 Naphthalene	128	21.916	21.931	(2.628)	3331923	40.0000	42(A)

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40857.d
Report Date: 20-Mar-2006 13:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
63 1,2,3-Trichlorobenzene	180	22.490	22.489	(2.697)	2613572	40.0000	42(A)
M 38 Xylene (Total)	100				16530181	120.000	120

QC Flag Legend

T - Target compound detected outside RT window.
A - Target compound detected but, quantitated amount exceeded maximum amount.



Data File: /chem/VOAHS5.i/524/03-17-06/17mar06.b/e40857.d
Date : 17-MAR-2006 10:55
Client ID:
Sample Info: ESTD040
Purge Volume: 25.0
Column phase: DB624

Instrument: VOAHS5.i
Operator: VOAHS 5
Column diameter: 0.53

VOLATILE ORGANICS INITIAL CALIBRATION DATA
METHOD 524.2

Instrument ID: VOAMS5 Calibration Date(s): 03/07/06 03/07/06

Heated Purge: (Y/N) N Calibration Time(s): 1302 1517

LAB FILE ID: RRF5: E40746 RRF20: E40742 RRF40: E40745

COMPOUND	RRF5	RRF20	RRF40
Acetone	0.008	0.010	0.008
2-Butanone	0.025	0.024	0.023
4-Methyl-2-pentanone	0.055	0.071	0.068
2-Hexanone	0.043	0.040	0.041
Carbon Disulfide	0.874	0.832	0.810
Diethyl Ether	0.116	0.113	0.102
Iodomethane	0.705	0.682	0.635
Allyl Chloride	0.185	0.190	0.182
Acrylonitrile	0.012	0.012	0.011
Propionitrile	0.004	0.004	0.004
Methyl Acrylate	0.068	0.073	0.071
Methacrylonitrile	0.020	0.019	0.020
Tetrahydrofuran	0.004	0.005	0.005
1-Chlorobutane	0.810	0.772	0.744
Methyl Methacrylate	0.050	0.065	0.066
2-Nitropropane	0.020	0.020	0.018
Chloroacetonitrile	0.002	0.001	0.001
1,1-Dichloropropanone	0.048	0.054	0.047
Ethyl Methacrylate	0.111	0.133	0.135
trans-1,4-Dichloro-2-butene	0.024	0.027	0.027
Pentachloroethane	0.238	0.229	0.222
Hexachloroethane	0.541	0.531	0.517
Nitrobenzene	0.001	0.001	0.001
4-Bromofluorobenzene (SUR)	0.575	0.584	0.574
1,2-Dichlorobenzene-d4 (SUR)	0.346	0.344	0.333

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 524.2

Instrument ID: VOAMS5 Calibration Date(s): 03/07/06 03/07/06

Heated Purge: (Y/N) N Calibration Time(s): 1302 1517

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Acetone	AVRG	0.00887719	9.4*
2-Butanone	AVRG	0.02418178	4.8*
4-Methyl-2-pentanone	AVRG	0.06444072	13.2*
2-Hexanone	AVRG	0.04104165	3.7*
Carbon Disulfide	AVRG	0.83856296	3.8*
Diethyl Ether	AVRG	0.11034491	6.7*
Iodomethane	AVRG	0.67399729	5.2*
Allyl Chloride	AVRG	0.18571462	2.2*
Acrylonitrile	AVRG	0.01177280	3.1*
Propionitrile	AVRG	0.00423786	2.3*
Methyl Acrylate	AVRG	0.07063314	4.0*
Methacrylonitrile	AVRG	0.01946676	2.0*
Tetrahydrofuran	AVRG	0.00477792	15.9*
1-Chlorobutane	AVRG	0.77567292	4.2*
Methyl Methacrylate	AVRG	0.06041958	15.0*
2-Nitropropane	AVRG	0.01922285	3.0*
Chloroacetonitrile	AVRG	0.00126927	17.9*
1,1-Dichloropropanone	AVRG	0.04990178	7.5*
Ethyl Methacrylate	AVRG	0.12645205	10.5*
trans-1,4-Dichloro-2-butene	AVRG	0.02592686	7.7*
Pentachloroethane	AVRG	0.22955947	3.6*
Hexachloroethane	AVRG	0.52970714	2.2*
Nitrobenzene	AVRG	0.00119679	16.1*
4-Bromofluorobenzene (SUR)	AVRG	0.57795906	1.0*
1,2-Dichlorobenzene-d4 (SUR)	AVRG	0.34126986	2.0*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

Data File: /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40746.d
Report Date: 20-Mar-2006 13:32

STL Edison

VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40746.d
Lab Smp Id: ESTD005-R4
Inj Date : 07-MAR-2006 15:17
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : ESTD005-R4
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/524R4_04.m
Meth Date : 20-Mar-2006 13:32 lily Quant Type: ISTD
Cal Date : 07-MAR-2006 15:17 Cal File: e40746.d
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

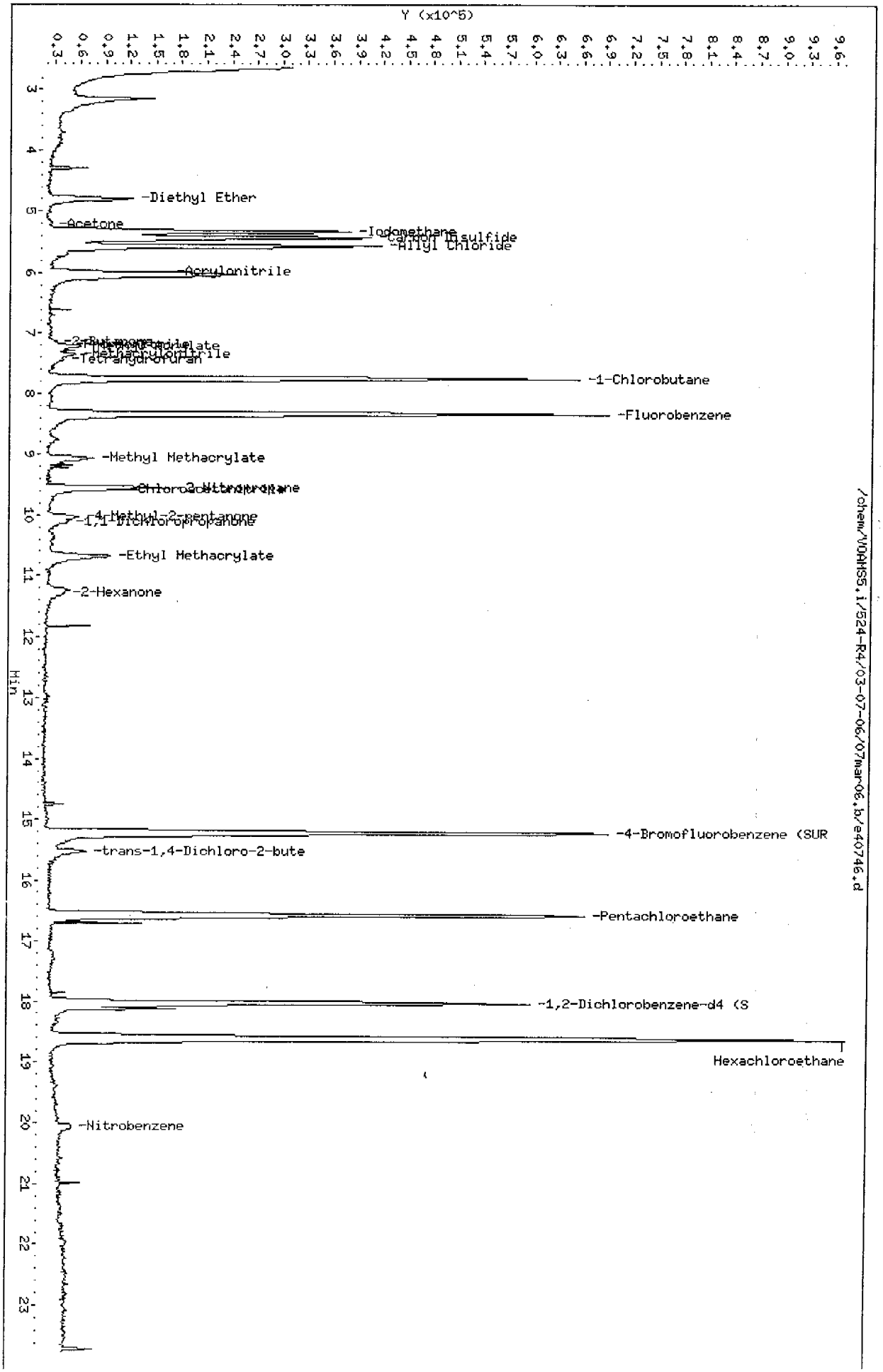
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
125 Diethyl Ether	59	4.796	4.801	(0.576)	146299	5.00000	5.3
113 Acetone	43	5.211	5.181	(0.625)	10569	5.00000	4.7
126 Iodomethane	142	5.329	5.328	(0.639)	887584	5.00000	5.2
120 Carbon Disulfide	76	5.418	5.431	(0.650)	1100330	5.00000	5.2
127 Allyl Chloride	76	5.564	5.563	(0.668)	232862	5.00000	5.0
128 Acrylonitrile	52	5.990	5.973	(0.719)	152787	50.0000	52
114 2-Butanone	43	7.147	7.131	(0.858)	32094	5.00000	5.3
129 Propionitrile	54	7.191	7.175	(0.863)	51936	50.0000	49
130 Methyl Acrylate	55	7.220	7.219	(0.866)	85155	5.00000	4.8
131 Methacrylonitrile	67	7.352	7.336	(0.882)	24737	5.00000	5.0
132 Tetrahydrofuran	71	7.440	7.439	(0.893)	4948	5.00000	4.1
133 1-Chlorobutane	56	7.748	7.747	(0.930)	1020498	5.00000	5.2
* 2 Fluorobenzene	96	8.334	8.333	(1.000)	1259607	5.00000	
134 Methyl Methacrylate	69	9.052	9.052	(1.086)	62955	5.00000	4.1
136 Chloroacetonitrile	48	9.580	9.535	(1.149)	19271	50.0000	60
135 2-Nitropropane	43	9.551	9.550	(1.146)	247029	50.0000	51

Data File: /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40746.d
Report Date: 20-Mar-2006 13:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
115	4-Methyl-2-pentanone	43	10.020	10.019	(1.202)	69000	5.00000	4.2
137	1,1-Dichloropropanone	43	10.122	10.107	(1.215)	60458	5.00000	4.8
138	Ethyl Methacrylate	69	10.679	10.664	(1.281)	140079	5.00000	4.4
119	2-Hexanone	43	11.295	11.265	(1.355)	53829	5.00000	5.2(M)
$ 42	4-Bromofluorobenzene (SUR)	95	15.221	15.221	(1.826)	724300	5.00000	5.0
139	trans-1,4-Dichloro-2-butene	53	15.529	15.529	(1.863)	29826	5.00000	4.6
140	Pentachloroethane	167	16.570	16.570	(1.988)	299722	5.00000	5.2
$ 57	1,2-Dichlorobenzene-d4 (SUR)	152	18.022	18.023	(2.162)	436212	5.00000	5.1
141	Hexachloroethane	117	18.609	18.610	(2.233)	681475	5.00000	5.1
142	Nitrobenzene	51	20.047	20.033	(2.405)	17685	50.0000	59

QC Flag Legend

M - Compound response manually integrated.


Y (x10^5)
Min
-Diethyl Ether
-Acetone
-Iodomethane
-Carbon Disulfide
-Allyl Chloride
-Acrylonitrile
-Tetrahydrofuran
-1-Chlorobutane
-Fluorobenzene
-Methyl Methacrylate
-4-Methyl-2-pentanone
-Ethyl Methacrylate
-2-Hexanone
-4-Bromofluorobenzene (SUR
-trans-1,4-Dichloro-2-bute
-Pentachloroethane
-1,2-Dichlorobenzene-d4 (S
Hexachloroethane
-Nitrobenzene
/chem/VOAHS5.i/524-R4/03-07-06/07mar06.b/e40746.d
Data File: /chem/VOAHS5.i/524-R4/03-07-06/07mar06.b/e40746.d
Date : 07-MAR-2006 15:17
Client ID:
Sample Info: ESTD005-R4
Purge Volume: 25.0
Column phase: DB624
Instrument: VOAHS5.i
Operator: VOAHS 5
Column diameter: 0.53

Data File: /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40742.d
Report Date: 20-Mar-2006 13:32

STL Edison

VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40742.d
Lab Smp Id: ESTD020-R4
Inj Date : 07-MAR-2006 13:02
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : ESTD020-R4
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/524R4_04.m
Meth Date : 20-Mar-2006 13:32 lily Quant Type: ISTD
Cal Date : 07-MAR-2006 13:02 Cal File: e40742.d
Als bottle: 7 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

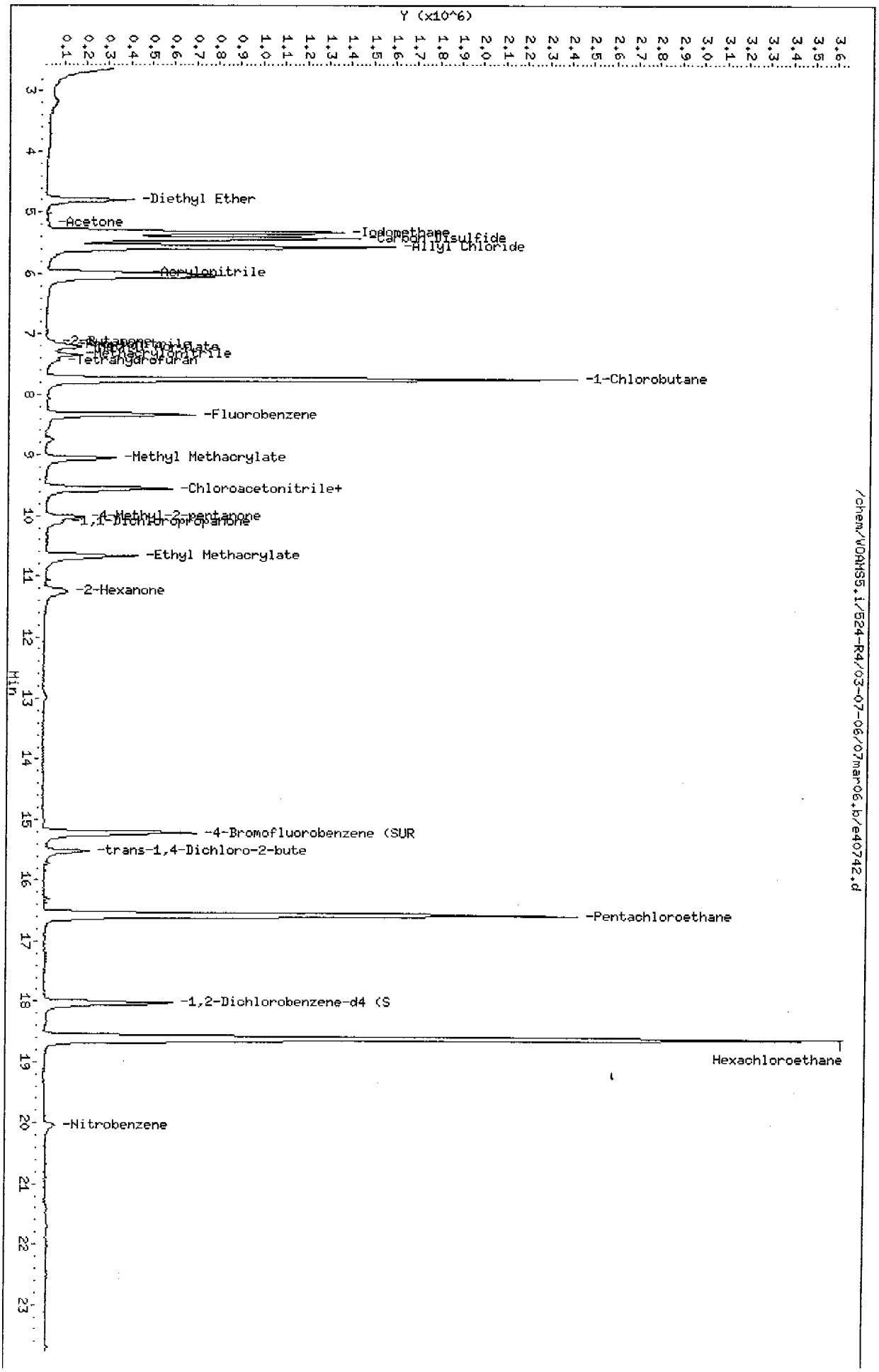
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
125 Diethyl Ether	59	4.801	4.801	(0.576)	559112	20.0000	20
113 Acetone	43	5.181	5.181	(0.622)	48732	20.0000	22
126 Iodomethane	142	5.328	5.328	(0.639)	3377615	20.0000	20
120 Carbon Disulfide	76	5.431	5.431	(0.652)	4121870	20.0000	20
127 Allyl Chloride	76	5.563	5.563	(0.668)	941992	20.0000	20
128 Acrylonitrile	52	5.973	5.973	(0.717)	583420	200.000	200
114 2-Butanone	43	7.131	7.131	(0.856)	117891	20.0000	20
129 Propionitrile	54	7.175	7.175	(0.861)	212910	200.000	200
130 Methyl Acrylate	55	7.219	7.219	(0.866)	362377	20.0000	21
131 Methacrylonitrile	67	7.336	7.336	(0.880)	94171	20.0000	20
132 Tetrahydrofuran	71	7.439	7.439	(0.893)	26731	20.0000	22
133 1-Chlorobutane	56	7.747	7.747	(0.930)	3825969	20.0000	20
* 2 Fluorobenzene	96	8.333	8.333	(1.000)	1238145	5.00000	
134 Methyl Methacrylate	69	9.052	9.052	(1.086)	324326	20.0000	22
136 Chloroacetonitrile	48	9.535	9.535	(1.144)	57776	200.000	180
135 2-Nitropropane	43	9.550	9.550	(1.146)	965972	200.000	200

Data File: /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40742.d
Report Date: 20-Mar-2006 13:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
115	4-Methyl-2-pentanone	43	10.019	10.019	(1.202)	350891	20.0000	22
137	1,1-Dichloropropanone	43	10.107	10.107	(1.213)	268628	20.0000	22
138	Ethyl Methacrylate	69	10.664	10.664	(1.280)	657049	20.0000	21
119	2-Hexanone	43	11.265	11.265	(1.352)	196754	20.0000	19
$ 42	4-Bromofluorobenzene (SUR)	95	15.221	15.221	(1.826)	723519	5.00000	5.0
139	trans-1,4-Dichloro-2-butene	53	15.529	15.529	(1.863)	136028	20.0000	21
140	Pentachloroethane	167	16.570	16.570	(1.988)	1135177	20.0000	20
$ 57	1,2-Dichlorobenzene-d4 (SUR)	152	18.023	18.023	(2.163)	425960	5.00000	5.0
141	Hexachloroethane	117	18.610	18.610	(2.233)	2628878	20.0000	20
142	Nitrobenzene	51	20.033	20.033	(2.404)	57568	200.000	190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Date : 07-MAR-2006 13:02
Client ID:
Sample Info: ESTD020-R4
Purge Volume: 25.0
Column phase: DB624
Instrument: VOAMS5.i
Operator: VOAMS 5
Column diameter: 0.53
/chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40742.d
Y (x10^6)
Min
-Diethyl Ether
-Acetone
-Iodomethane
Carbon Disulfide
-Allyl Chloride
-Acrylonitrile
-2-Butanone
-Tetrahydrofuran
-1-Chlorobutane
-Fluorobenzene
-Methyl Methacrylate
-Chloroacetonitrile+
-4-Methyl-2-pentanone
-1,1-Dichloropropanone
-Ethyl Methacrylate
-2-Hexanone
-4-Bromofluorobenzene (SUR
-trans-1,4-Dichloro-2-bute
-Pentachloroethane
-1,2-Dichlorobenzene-d4 (S
Hexachloroethane
-Nitrobenzene

Data File: /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40745.d
Report Date: 20-Mar-2006 13:32

STL Edison

VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40745.d
Lab Smp Id: ESTD040-R4
Inj Date : 07-MAR-2006 14:47
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : ESTD040-R4
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/524R4_04.m
Meth Date : 20-Mar-2006 13:32 lily Quant Type: ISTD
Cal Date : 07-MAR-2006 14:47 Cal File: e40745.d
Als bottle: 10 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

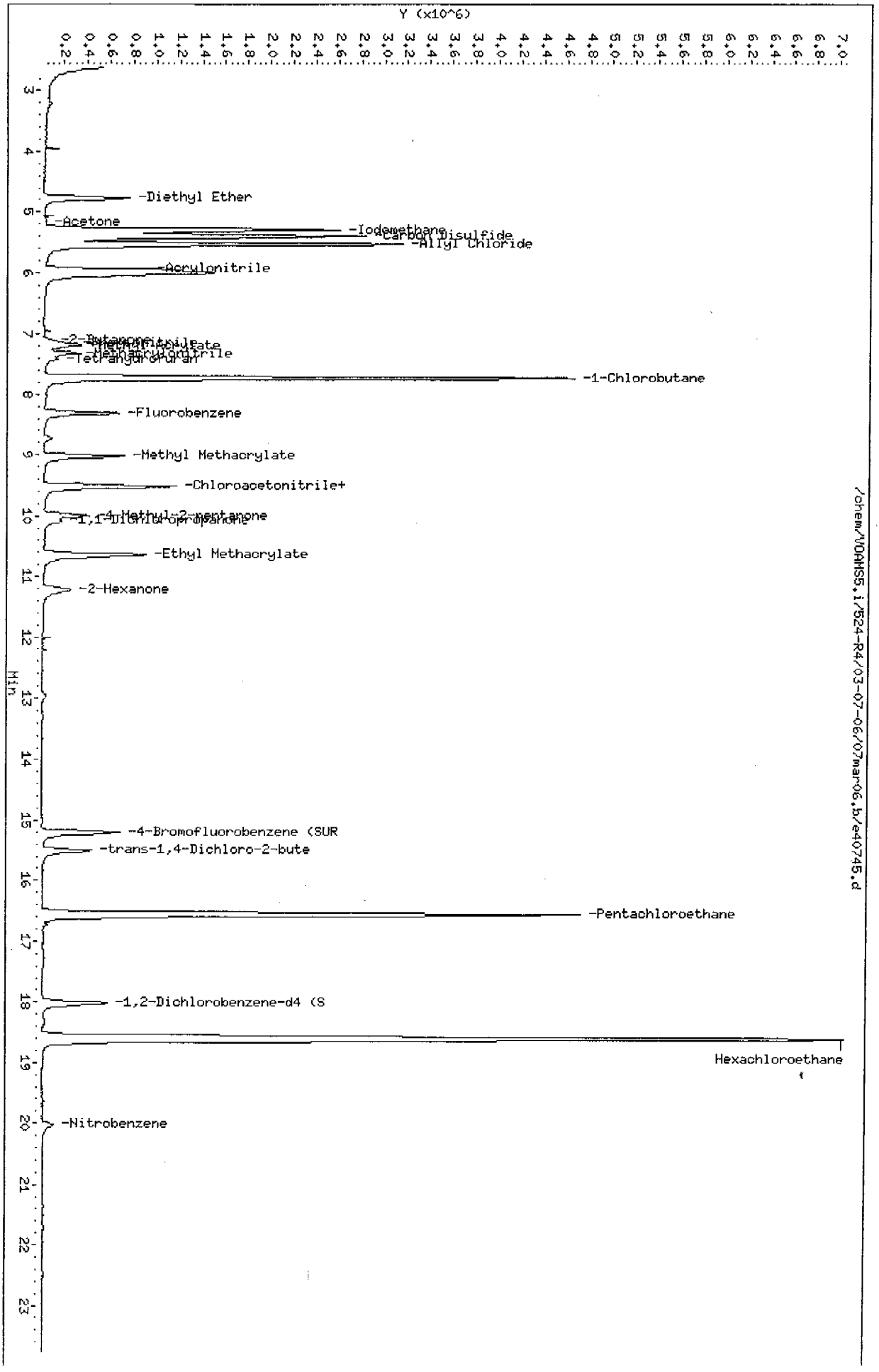
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
125 Diethyl Ether	59	4.772	4.801	(0.574)	1030995	40.0000	37
113 Acetone	43	5.168	5.181	(0.621)	84921	40.0000	38
126 Iodomethane	142	5.300	5.328	(0.637)	6422289	40.0000	38
120 Carbon Disulfide	76	5.403	5.431	(0.649)	8186407	40.0000	39
127 Allyl Chloride	76	5.535	5.563	(0.665)	1840443	40.0000	39
128 Acrylonitrile	52	5.945	5.973	(0.715)	1153207	400.000	390
114 2-Butanone	43	7.103	7.131	(0.854)	235139	40.0000	38
129 Propionitrile	54	7.162	7.175	(0.861)	433789	400.000	400(A)
130 Methyl Acrylate	55	7.191	7.219	(0.864)	718958	40.0000	40(A)
131 Methacrylonitrile	67	7.323	7.336	(0.880)	199609	40.0000	40(A)
132 Tetrahydrofuran	71	7.411	7.439	(0.891)	50624	40.0000	42(A)
133 1-Chlorobutane	56	7.734	7.747	(0.929)	7523862	40.0000	38
* 2 Fluorobenzene	96	8.320	8.333	(1.000)	1263535	5.00000	
134 Methyl Methacrylate	69	9.024	9.052	(1.085)	665050	40.0000	44(A)
136 Chloroacetonitrile	48	9.508	9.535	(1.143)	112334	400.000	350
135 2-Nitropropane	43	9.523	9.550	(1.145)	1875343	400.000	390

Data File: /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b/e40745.d
Report Date: 20-Mar-2006 13:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
115	4-Methyl-2-pentanone	43	9.992	10.019	(1.201)	684260	40.0000	42(A)
137	1,1-Dichloropropanone	43	10.080	10.107	(1.212)	479818	40.0000	38
138	Ethyl Methacrylate	69	10.638	10.664	(1.278)	1369466	40.0000	43(A)
119	2-Hexanone	43	11.239	11.265	(1.351)	411029	40.0000	40
$ 42	4-Bromofluorobenzene (SUR)	95	15.210	15.221	(1.828)	725900	5.00000	5.0
139	trans-1,4-Dichloro-2-butene	53	15.504	15.529	(1.863)	269241	40.0000	41(A)
140	Pentachloroethane	167	16.560	16.570	(1.990)	2239190	40.0000	38
$ 57	1,2-Dichlorobenzene-d4 (SUR)	152	18.013	18.023	(2.165)	421352	5.00000	4.9
141	Hexachloroethane	117	18.601	18.610	(2.236)	5228909	40.0000	39
142	Nitrobenzene	51	20.024	20.033	(2.407)	103505	400.000	340

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: /chem/VOAHS5.i/524-R4/03-07-06/07mar06.b/e40745.d
Date : 07-MAR-2006 14:47
Client ID:
Sample Info: ESTD040-R4
Purge Volume: 25.0
Column phase: DB624
Instrument: VOAHS5.i
Operator: VOAHS 5
Column diameter: 0.53
Y (x10^6)
Min
-Diethyl Ether
-Acetone
-Iodomethane
-Carbon Disulfide
-Allyl Chloride
-Acrylonitrile
-1-Chlorobutane
-Fluorobenzene
-Methyl Methacrylate
-Chloroacetonitrile+
-Ethyl Methacrylate
-2-Hexanone
-4-Bromofluorobenzene (SUR
-trans-1,4-Dichloro-2-bute
-Pentachloroethane
-1,2-Dichlorobenzene-d4 (S
Hexachloroethane
-Nitrobenzene
/chem/VOAHS5.i/524-R4/03-07-06/07mar06.b/e40745.d

VOLATILE ORGANICS CONTINUING CALIBRATION CHECK
METHOD 524.2

Instrument ID: VOAMS5 Calibration Date: 03/17/06 Time: 1130

Lab File ID: E40858 Init. Calib. Date(s): 03/07/06 03/07/06

Heated Purge: (Y/N) N Init. Calib. Times: 1302 1517

COMPOUND	$\overline{RRF}$	RRF20	MIN RRF	%D	MAX %D
Acetone	0.009	0.010		-11.1	30.0
2-Butanone	0.024	0.028		-16.7	30.0
4-Methyl-2-pentanone	0.065	0.074		-13.8	30.0
2-Hexanone	0.041	0.045		-9.8	30.0
Carbon Disulfide	0.839	0.742		11.6	30.0
Diethyl Ether	0.110	0.110		0.0	30.0
Iodomethane	0.674	0.622		7.7	30.0
Allyl Chloride	0.186	0.173		7.0	30.0
Acrylonitrile	0.012	0.013		-8.3	30.0
Propionitrile	0.004	0.005		-25.0	30.0
Methyl Acrylate	0.071	0.078		-9.8	30.0
Methacrylonitrile	0.020	0.021		-5.0	30.0
Tetrahydrofuran	0.005	0.005		0.0	30.0
1-Chlorobutane	0.775	0.666		14.1	40.0
Methyl Methacrylate	0.060	0.078		-30.0	30.0
2-Nitropropane	0.019	0.021		-10.5	30.0
Chloroacetonitrile	0.001	0.002		-100.0	30.0
1,1-Dichloropropanone	0.050	0.062		-24.0	30.0
Ethyl Methacrylate	0.126	0.157		-24.6	30.0
trans-1,4-Dichloro-2-butene	0.026	0.030		-15.4	30.0
Pentachloroethane	0.230	0.235		-2.2	30.0
Hexachloroethane	0.530	0.486		8.3	30.0
Nitrobenzene	0.001	0.002		-100.0	30.0
4-Bromofluorobenzene (SUR)	0.578	0.519		10.2	30.0
1,2-Dichlorobenzene-d4 (SUR)	0.341	0.319		6.4	30.0

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40858.d
Report Date: 20-Mar-2006 13:34

STL Edison

VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40858.d
Lab Smp Id: ESTD076-R4
Inj Date : 17-MAR-2006 11:30
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : ESTD076-R4
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/524R4_04.m
Meth Date : 20-Mar-2006 13:34 lily Quant Type: ISTD
Cal Date : 07-MAR-2006 15:17 Cal File: e40746.d
Als bottle: 7 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

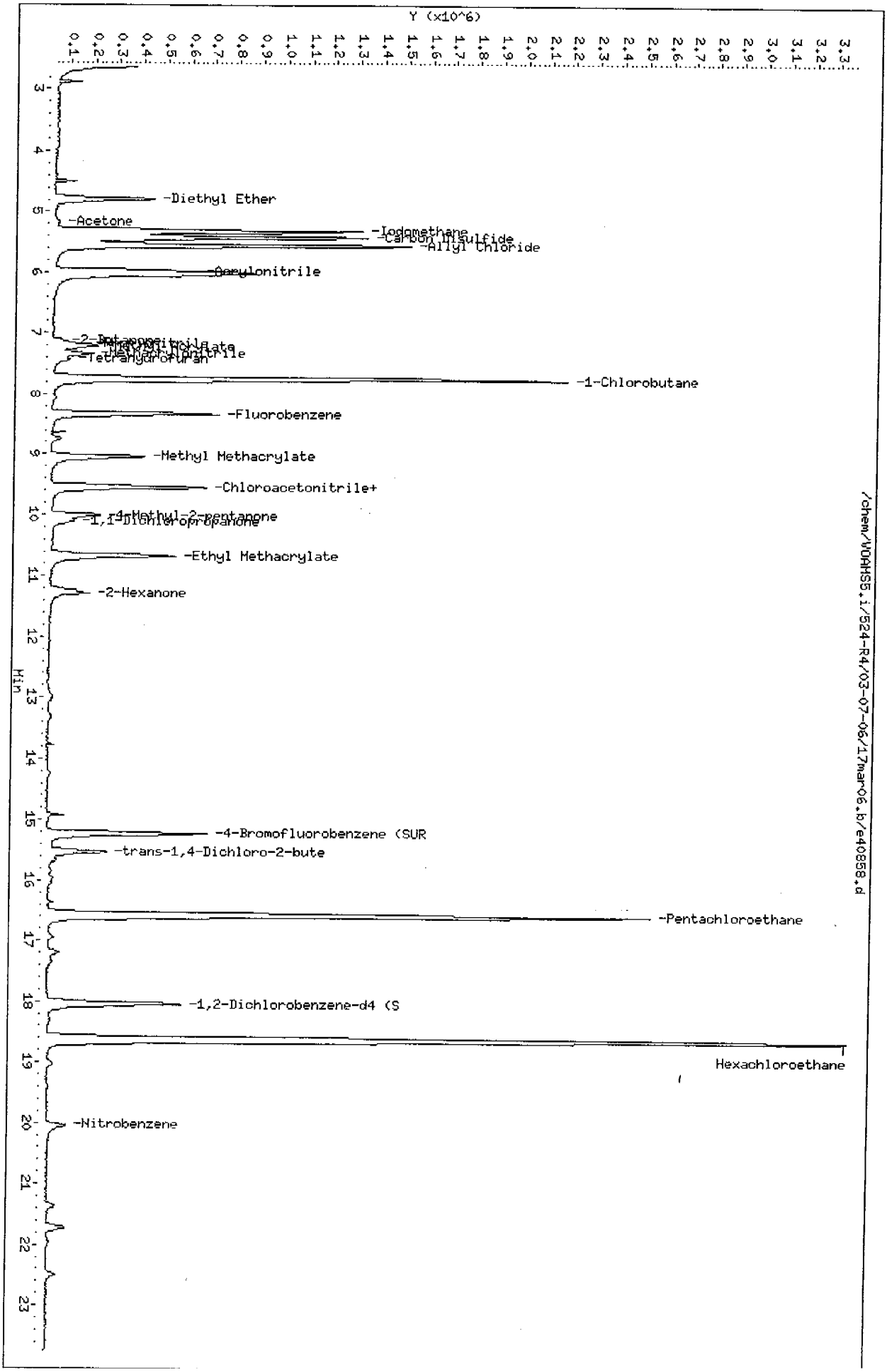
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
125 Diethyl Ether	59	4.787	4.787	(0.574)	564195	20.0000	20
113 Acetone	43	5.168	5.168	(0.620)	50046	20.0000	22
126 Iodomethane	142	5.315	5.315	(0.638)	3184041	20.0000	18
120 Carbon Disulfide	76	5.418	5.418	(0.650)	3796479	20.0000	18
127 Allyl Chloride	76	5.550	5.550	(0.666)	887525	20.0000	19
128 Acrylonitrile	52	5.975	5.975	(0.717)	655447	200.000	220
114 2-Butanone	43	7.119	7.119	(0.854)	145859	20.0000	24
129 Propionitrile	54	7.177	7.177	(0.861)	246006	200.000	230
130 Methyl Acrylate	55	7.207	7.207	(0.865)	398980	20.0000	22
131 Methacrylonitrile	67	7.339	7.339	(0.880)	109105	20.0000	22
132 Tetrahydrofuran	71	7.441	7.441	(0.893)	26626	20.0000	22
133 1-Chlorobutane	56	7.749	7.749	(0.930)	3408415	20.0000	17
* 2 Fluorobenzene	96	8.336	8.336	(1.000)	1279227	5.00000	
134 Methyl Methacrylate	69	9.054	9.054	(1.086)	398986	20.0000	26
136 Chloroacetonitrile	48	9.538	9.538	(1.144)	81338	200.000	250
135 2-Nitropropane	43	9.553	9.553	(1.146)	1091654	200.000	220

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40858.d
Report Date: 20-Mar-2006 13:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
115	4-Methyl-2-pentanone	43	10.007	10.007	(1.201)	379174	20.0000	23
137	1,1-Dichloropropanone	43	10.110	10.110	(1.213)	316748	20.0000	25
138	Ethyl Methacrylate	69	10.667	10.667	(1.280)	805149	20.0000	25
119	2-Hexanone	43	11.269	11.269	(1.352)	231493	20.0000	22
$ 42	4-Bromofluorobenzene (SUR)	95	15.226	15.226	(1.827)	663972	5.00000	4.5
139	trans-1,4-Dichloro-2-butene	53	15.519	15.519	(1.862)	152225	20.0000	23
140	Pentachloroethane	167	16.576	16.576	(1.989)	1203512	20.0000	20
$ 57	1,2-Dichlorobenzene-d4 (SUR)	152	18.044	18.044	(2.165)	408683	5.00000	4.7
141	Hexachloroethane	117	18.617	18.617	(2.233)	2484499	20.0000	18
142	Nitrobenzene	51	20.041	20.041	(2.404)	77125	200.000	250


Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40858.d
Date : 17-MAR-2006 11:30
Client ID:
Sample Info: ESTD076-R4
Purge Volume: 25.0
Column phase: DB624
Instrument: VOAMS5.i
Operator: VOAMS 5
Column diameter: 0.53
/chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40858.d
Y (x10^6)
Min
-Diethyl Ether
-Acetone
-Iodomethane
-Carbon Disulfide
-Allyl Chloride
-Acrylonitrile
-1-Chlorobutane
-Fluorobenzene
-Methyl Methacrylate
-Chloroacetonitrile+
-Ethyl Methacrylate
-2-Hexanone
-4-Bromofluorobenzene (SUR
-trans-1,4-Dichloro-2-bute
-Pentachloroethane
-1,2-Dichlorobenzene-d4 (S
Hexachloroethane
-Nitrobenzene

Surrogate Compound Recovery Summary

VOLATILE SYSTEM MONITORING COMPOUND RECOVERY
METHOD 524.2

Matrix: WATER Level: DW Lab Job No: 1425

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	OTHER	TOT OUT
01	1425BS	97	96			0
02	1425BSD	114	114			0
03	EV076	95	93			0
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		QC LIMITS
S1	= 4-Bromofluorobenzene	(70-130)
S2	= 1,2-Dichlorobenzene-d4	(70-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

VOLATILE SYSTEM MONITORING COMPOUND RECOVERY
METHOD 524.2

Matrix: WATER Level: DW Lab Job No: 0524

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	OTHER	TOT OUT
01	EV076A	88	86			0
02	EV076	95	93			0
03	715155	94	87			0
04	715155	87	80			0
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
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27						
28						
29						
30						

		QC LIMITS
S1	= 4-Bromofluorobenzene	(70-130)
S2	= 1,2-Dichlorobenzene-d4	(70-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

VOLATILE SYSTEM MONITORING COMPOUND RECOVERY
METHOD 524.2

Matrix: WATER Level: DW Lab Job No: 1427

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	OTHER	TOT OUT
01	1427BS	88	85			0
02	1427BSD-R4	88	86			0
03	EV076A	88	86			0
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		QC LIMITS
S1	= 4-Bromofluorobenzene	(70-130)
S2	= 1,2-Dichlorobenzene-d4	(70-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

Spike Recovery Summary

VOLATILE BLANK SPIKE/BLANK SPIKE DUPLICATE RECOVERY SUMMARY
METHOD 524.2

Matrix: WATER QA Batch: 1425

Level: DW

Compound	SPIKE ADDED (ug/L)	BS % REC.	BSD % REC.	RPD
Dichlorodifluoromethane	2.0	95	120	23.3
Chloromethane	2.0	100	125	22.2
Vinyl Chloride	2.0	100	120	18.2
Bromomethane	2.0	90	110	20.0
Chloroethane	2.0	95	115	19.0
Trichlorofluoromethane	2.0	100	120	18.2
1,1-Dichloroethene	2.0	105	125	17.4
Methylene Chloride	2.0	100	120	18.2
trans-1,2-Dichloroethene	2.0	100	120	18.2
1,1-Dichloroethane	2.0	95	115	19.0
cis-1,2-Dichloroethene	2.0	100	115	14.0
2,2-Dichloropropane	2.0	95	115	19.0
Bromochloromethane	2.0	100	115	14.0
Chloroform	2.0	95	115	19.0
1,1,1-Trichloroethane	2.0	95	115	19.0
1,1-Dichloropropene	2.0	90	110	20.0
Carbon Tetrachloride	2.0	95	115	19.0
Benzene	2.0	100	115	14.0
1,2-Dichloroethane	2.0	100	110	9.5
Trichloroethene	2.0	95	115	19.0
1,2-Dichloropropane	2.0	100	110	9.5
Dibromomethane	2.0	95	110	14.6
Bromodichloromethane	2.0	95	115	19.0
cis-1,3-Dichloropropene	2.0	95	110	14.6
Toluene	2.0	95	115	19.0
trans-1,3-Dichloropropen	2.0	95	105	10.0
1,1,2-Trichloroethane	2.0	100	110	9.5
Tetrachloroethene	2.0	95	110	14.6
1,3-Dichloropropane	2.0	90	110	20.0
Dibromochloromethane	2.0	95	105	10.0
1,2-Dibromoethane	2.0	95	110	14.6
Chlorobenzene	2.0	100	115	14.0
1,1,1,2-Tetrachloroethan	2.0	100	110	9.5
Ethylbenzene	2.0	100	115	14.0
Xylene (Total)	6.0	95	112	16.1
Styrene	2.0	85	95	11.1

* Values outside of QC limits

VOLATILE BLANK SPIKE/BLANK SPIKE DUPLICATE RECOVERY SUMMARY
METHOD 524.2

Matrix: WATER QA Batch: 1425

Level: DW

Compound	SPIKE ADDED (ug/L)	BS % REC.	BSD % REC.	RPD
Bromoform	2.0	90	105	15.4
Isopropylbenzene	2.0	95	110	14.6
1,1,2,2-Tetrachloroethan	2.0	95	115	19.0
Bromobenzene	2.0	90	110	20.0
1,2,3-Trichloropropane	2.0	90	110	20.0
n-Propylbenzene	2.0	95	110	14.6
2-Chlorotoluene	2.0	95	115	19.0
1,3,5-Trimethylbenzene	2.0	95	115	19.0
4-Chlorotoluene	2.0	95	115	19.0
tert-Butylbenzene	2.0	95	115	19.0
1,2,4-Trimethylbenzene	2.0	100	115	14.0
sec-Butylbenzene	2.0	90	110	20.0
m-Dichlorobenzene	2.0	95	110	14.6
4-Isopropyltoluene	2.0	95	115	19.0
p-Dichlorobenzene	2.0	100	115	14.0
n-Butylbenzene	2.0	90	110	20.0
o-Dichlorobenzene	2.0	95	115	19.0
1,2-Dibromo-3-Chloroprop	2.0	85	105	21.1
1,2,4-Trichlorobenzene	2.0	90	100	10.5
Hexachlorobutadiene	2.0	95	110	14.6
Naphthalene	2.0	95	105	10.0
1,2,3-Trichlorobenzene	2.0	95	105	10.0
MTBE	2.0	90	110	20.0

* Values outside of QC limits

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40860.d
Report Date: 17-Mar-2006 12:49

STL Edison

VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40860.d
Lab Smp Id: 1425BS
Inj Date : 17-MAR-2006 12:33
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : 1425BS
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524/03-17-06/17mar06.b/524_2_05.m
Meth Date : 17-Mar-2006 12:21 lily Quant Type: ISTD
Cal Date : 17-MAR-2006 12:01 Cal File: e40859.d
Als bottle: 9 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 524.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

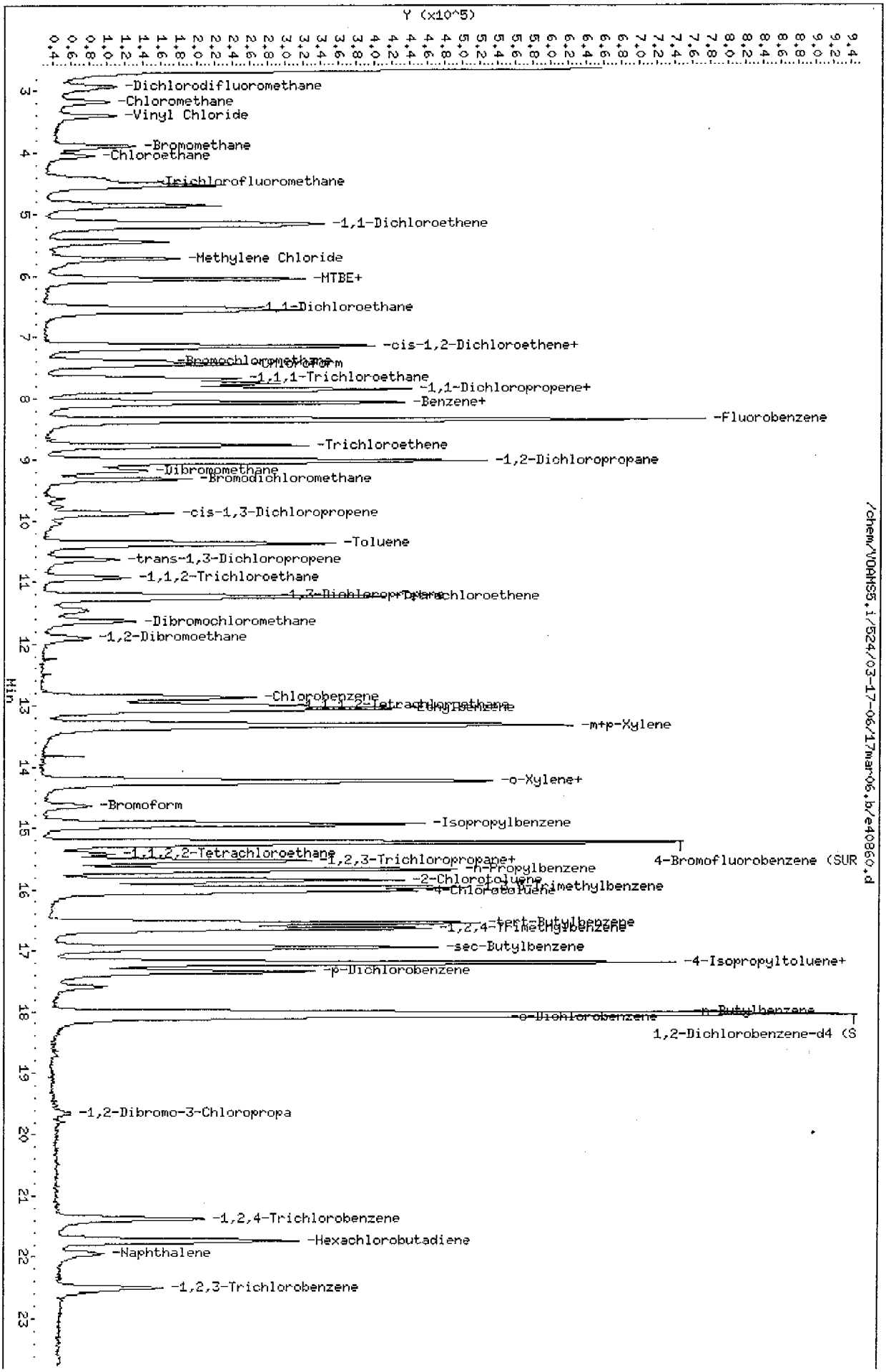
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1 Dichlorodifluoromethane	85	2.924	2.910	(0.350)	237392	1.94802	1.9
3 Chloromethane	50	3.188	3.175	(0.382)	165934	2.01014	2.0
4 Vinyl Chloride	62	3.394	3.395	(0.406)	174117	1.96344	2.0
5 Bromomethane	94	3.892	3.880	(0.466)	151083	1.82921	1.8
6 Chloroethane	64	4.054	4.026	(0.485)	111209	1.94653	1.9
7 Trichlorofluoromethane	101	4.479	4.467	(0.536)	335760	1.96354	2.0
8 1,1-Dichloroethene	61	5.124	5.112	(0.614)	266647	2.08589	2.1
9 Methylene Chloride	84	5.711	5.699	(0.684)	129907	2.05642	2.0
110 MTBE	73	6.048	6.022	(0.724)	181501	1.84465	1.8
10 trans-1,2-Dichloroethene	96	6.048	6.036	(0.724)	178593	1.95696	2.0
11 1,1-Dichloroethane	63	6.518	6.491	(0.780)	323675	1.94030	1.9
12 cis-1,2-Dichloroethene	96	7.133	7.122	(0.854)	172824	1.95186	2.0
13 2,2-Dichloropropane	77	7.148	7.136	(0.856)	272657	1.92527	1.9
14 Bromochloromethane	128	7.397	7.371	(0.886)	68994	1.96364	2.0
15 Chloroform	83	7.441	7.430	(0.891)	294856	1.88746	1.9
16 1,1,1-Trichloroethane	97	7.676	7.664	(0.919)	295277	1.92298	1.9

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40860.d
Report Date: 17-Mar-2006 12:49

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	17	1,1-Dichloropropene	75	7.838	7.826	(0.938)	246055	1.81248	1.8
	18	Carbon Tetrachloride	117	7.867	7.855	(0.942)	280715	1.94976	1.9
	19	Benzene	78	8.072	8.046	(0.967)	491784	1.98609	2.0
	20	1,2-Dichloroethane	62	8.072	8.046	(0.967)	114179	2.02664	2.0
*	2	Fluorobenzene	96	8.351	8.325	(1.000)	1391125	5.00000	
	21	Trichloroethene	95	8.762	8.736	(1.049)	212310	1.91817	1.9
	22	1,2-Dichloropropane	63	9.026	9.000	(1.081)	170912	1.98319	2.0
	23	Dibromomethane	93	9.173	9.147	(1.098)	76477	1.90550	1.9
	24	Bromodichloromethane	83	9.319	9.293	(1.116)	227747	1.89190	1.9
	25	cis-1,3-Dichloropropene	75	9.877	9.865	(1.183)	204432	1.91239	1.9
	26	Toluene	92	10.375	10.350	(1.242)	363112	1.94427	1.9
	27	trans-1,3-Dichloropropene	75	10.624	10.599	(1.272)	131995	1.91260	1.9
	28	1,1,2-Trichloroethane	83	10.932	10.907	(1.309)	72103	1.97222	2.0
	29	Tetrachloroethene	166	11.240	11.230	(1.346)	269961	1.93035	1.9
	30	1,3-Dichloropropane	76	11.211	11.200	(1.342)	137628	1.82535	1.8
	31	Dibromochloromethane	129	11.636	11.611	(1.393)	147891	1.86747	1.9
	32	1,2-Dibromoethane	107	11.900	11.875	(1.425)	114515	1.94437	1.9
	33	Chlorobenzene	112	12.868	12.843	(1.541)	435430	1.96259	2.0
	34	1,1,1,2-Tetrachloroethane	131	13.000	12.975	(1.557)	193455	1.95725	2.0
	35	Ethylbenzene	91	13.059	13.048	(1.564)	781032	1.96655	2.0
M	38	Xylene (Total)	100				853653	5.69560	5.7
	36	m+p-Xylene	106	13.323	13.298	(1.595)	588124	3.78706	3.8
	37	o-Xylene	106	14.232	14.207	(1.704)	265528	1.90971	1.9
	39	Styrene	104	14.247	14.236	(1.706)	349276	1.69128	1.7
	40	Bromoform	173	14.643	14.618	(1.753)	67901	1.79461	1.8
	41	Isopropylbenzene	105	14.936	14.926	(1.788)	799918	1.86200	1.9
$	42	4-Bromofluorobenzene (SUR)	95	15.229	15.219	(1.824)	728916	4.86135	4.9
	43	1,1,2,2-Tetrachloroethane	83	15.420	15.410	(1.846)	97146	1.94015	1.9
	45	1,2,3-Trichloropropane	110	15.538	15.513	(1.861)	23937	1.85514	1.8
	44	Bromobenzene	156	15.538	15.528	(1.861)	163910	1.81450	1.8
	46	n-Propylbenzene	91	15.670	15.660	(1.876)	935996	1.90090	1.9
	47	2-Chlorotoluene	91	15.846	15.836	(1.897)	551429	1.89859	1.9
	48	1,3,5-Trimethylbenzene	105	15.964	15.954	(1.912)	613345	1.90157	1.9
	49	4-Chlorotoluene	91	16.023	16.013	(1.919)	600095	1.89440	1.9
	50	tert Butylbenzene	119	16.551	16.541	(1.982)	689690	1.91989	1.9
	51	1,2,4-Trimethylbenzene	105	16.639	16.630	(1.992)	603183	1.97205	2.0
	52	sec-Butylbenzene	105	16.962	16.938	(2.031)	839532	1.83740	1.8
	54	4-Isopropyltoluene	119	17.212	17.202	(2.061)	758679	1.90276	1.9
	53	m-Dichlorobenzene	146	17.182	17.173	(2.058)	330521	1.93048	1.9
	55	p-Dichlorobenzene	146	17.344	17.335	(2.077)	326061	1.96112	2.0
	56	n-Butylbenzene	91	18.020	18.010	(2.158)	670320	1.84693	1.8
$	57	1,2-Dichlorobenzene-d4 (SUR)	152	18.064	18.040	(2.163)	424862	4.78947	4.8
	58	o-Dichlorobenzene	146	18.093	18.084	(2.167)	254830	1.94934	1.9
	59	1,2-Dibromo-3-Chloropropane	75	19.634	19.640	(2.351)	13673	1.68157	1.7
	60	1,2,4-Trichlorobenzene	180	21.381	21.372	(2.560)	163140	1.78404	1.8
	61	Hexachlorobutadiene	225	21.733	21.725	(2.602)	152976	1.93459	1.9
	62	Naphthalene	128	21.939	21.931	(2.627)	166378	1.93128	1.9

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40860.d
Report Date: 17-Mar-2006 12:49

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
63 1,2,3-Trichlorobenzene	180	22.512	22.489	(2.696)	127684	1.90593	1.9


Y (x10^5)
Min
-Dichlorodifluoromethane
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-1,1-Dichloroethene
-Methylene Chloride
-MTBE+
-1,1-Dichloroethane
-cis-1,2-Dichloroethene+
-Bromochloromethane
-Chloroform
-1,1,1-Trichloroethane
-1,1-Dichloropropene+
-Benzene+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane
-Dibromomethane
-Bromodichloromethane
-cis-1,3-Dichloropropene
-Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-1,3-Dichloropropane
-Tetrachloroethene
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene
-1,1,1,2-Tetrachloroethane
-Ethylbenzene
-m+p-Xylene
-o-Xylene+
-Bromoform
-Isopropylbenzene
-1,1,2,2-Tetrachloroethane
-1,2,3-Trichloropropane+
-n-Propylbenzene
4-Bromofluorobenzene (SUR
-2-Chlorotoluene
-4-Chlorotoluene
-1,3,5-Trimethylbenzene
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-4-Isopropyltoluene+
-p-Dichlorobenzene
-n-Butylbenzene
-o-Dichlorobenzene
1,2-Dichlorobenzene-d4 (S
-1,2-Dibromo-3-Chloropropa
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
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Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40860.d
Date : 17-MAR-2006 12:33
Client ID: 1425BS
Sample Info: 1425BS
Purge Volume: 25.0
Column phase: DB624
Instrument: VOAMS5.i
Operator: VOAMS 5
Column diameter: 0.53

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40861.d
Report Date: 20-Mar-2006 10:42

STL Edison

VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40861.d
Lab Smp Id: 1425BSD
Inj Date : 17-MAR-2006 13:03
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : 1425BSD
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524/03-17-06/17mar06.b/524_2_05.m
Meth Date : 17-Mar-2006 12:21 lily Quant Type: ISTD
Cal Date : 17-MAR-2006 12:01 Cal File: e40859.d
Als bottle: 10 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 524.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

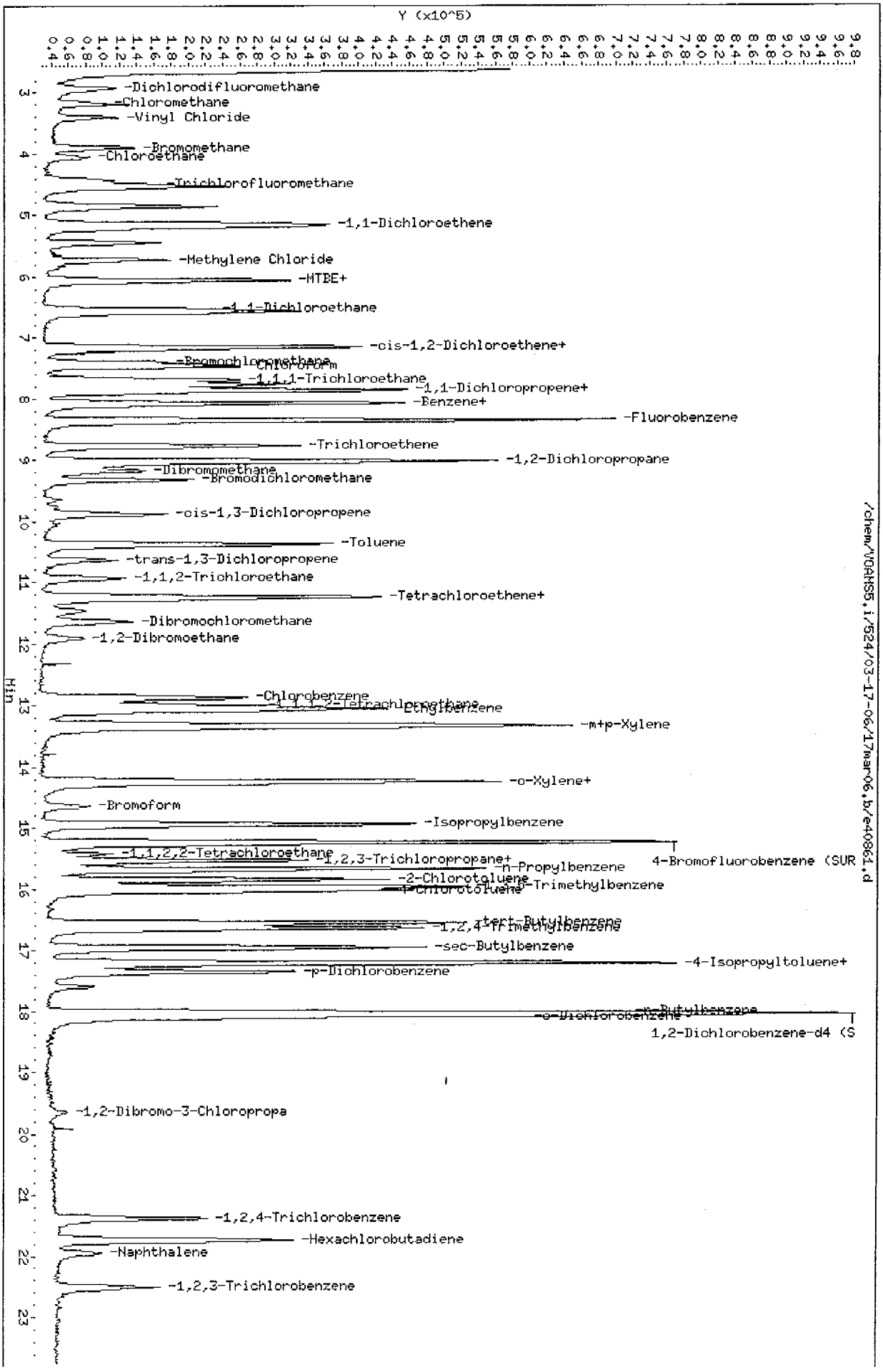
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
1 Dichlorodifluoromethane	85	2.924	2.910	(0.350)	255314	2.39231	2.4
3 Chloromethane	50	3.174	3.175	(0.380)	178534	2.46959	2.5
4 Vinyl Chloride	62	3.409	3.395	(0.408)	185261	2.38546	2.4
5 Bromomethane	94	3.907	3.880	(0.468)	159621	2.20674	2.2
6 Chloroethane	64	4.054	4.026	(0.485)	113969	2.27782	2.3
7 Trichlorofluoromethane	101	4.494	4.467	(0.538)	360580	2.40782	2.4
8 1,1-Dichloroethene	61	5.139	5.112	(0.615)	278480	2.48749	2.5
9 Methylene Chloride	84	5.726	5.699	(0.686)	133588	2.41468	2.4
110 MTBE	73	6.048	6.022	(0.724)	189699	2.20147	2.2
10 trans-1,2-Dichloroethene	96	6.063	6.036	(0.726)	195604	2.44743	2.4
11 1,1-Dichloroethane	63	6.518	6.491	(0.780)	334722	2.29117	2.3
12 cis-1,2-Dichloroethene	96	7.148	7.122	(0.856)	179423	2.31386	2.3
13 2,2-Dichloropropane	77	7.163	7.136	(0.858)	281338	2.26838	2.3
14 Bromochloromethane	128	7.397	7.371	(0.886)	71548	2.32523	2.3
15 Chloroform	83	7.456	7.430	(0.893)	310766	2.27151	2.3
16 1,1,1-Trichloroethane	97	7.691	7.664	(0.921)	306105	2.27630	2.3

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40861.d
Report Date: 20-Mar-2006 10:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	17 1,1-Dichloropropene	75	7.852	7.826	(0.940)	259801	2.18522	2.2
	18 Carbon Tetrachloride	117	7.867	7.855	(0.942)	291400	2.31110	2.3
	19 Benzene	78	8.072	8.046	(0.967)	500674	2.30883	2.3
	20 1,2-Dichloroethane	62	8.072	8.046	(0.967)	111246	2.25469	2.2
*	2 Fluorobenzene	96	8.351	8.325	(1.000)	1218295	5.00000	
	21 Trichloroethene	95	8.762	8.736	(1.049)	224520	2.31625	2.3
	22 1,2-Dichloropropane	63	9.026	9.000	(1.081)	168278	2.22963	2.2
	23 Dibromomethane	93	9.172	9.147	(1.098)	77926	2.21703	2.2
	24 Bromodichloromethane	83	9.319	9.293	(1.116)	241155	2.28746	2.3
	25 cis-1,3-Dichloropropene	75	9.876	9.865	(1.183)	204940	2.18911	2.2
	26 Toluene	92	10.375	10.350	(1.242)	381783	2.33424	2.3
	27 trans-1,3-Dichloropropene	75	10.639	10.599	(1.274)	126906	2.09973	2.1
	28 1,1,2-Trichloroethane	83	10.932	10.907	(1.309)	70659	2.20691	2.2
	29 Tetrachloroethene	166	11.255	11.230	(1.348)	276527	2.25780	2.2
	30 1,3-Dichloropropane	76	11.226	11.200	(1.344)	145464	2.20296	2.2
	31 Dibromochloromethane	129	11.636	11.611	(1.393)	147994	2.13387	2.1
	32 1,2-Dibromoethane	107	11.915	11.875	(1.427)	116511	2.25891	2.2
	33 Chlorobenzene	112	12.867	12.843	(1.541)	440962	2.26949	2.3
	34 1,1,1,2-Tetrachloroethane	131	13.000	12.975	(1.557)	188398	2.17649	2.2
	35 Ethylbenzene	91	13.058	13.048	(1.564)	802396	2.30695	2.3
M	38 Xylene (Total)	100				878034	6.68934	6.7
	36 m+p-Xylene	106	13.323	13.298	(1.595)	603946	4.44064	4.4
	37 o-Xylene	106	14.232	14.207	(1.704)	274088	2.25091	2.2
	39 Styrene	104	14.246	14.236	(1.706)	349174	1.93065	1.9
	40 Bromoform	173	14.642	14.618	(1.753)	68512	2.06761	2.1
	41 Isopropylbenzene	105	14.950	14.926	(1.790)	818699	2.17607	2.2
$	42 4-Bromofluorobenzene (SUR)	95	15.243	15.219	(1.825)	751822	5.72543	5.7
	43 1,1,2,2-Tetrachloroethane	83	15.434	15.410	(1.848)	101525	2.31524	2.3
	45 1,2,3-Trichloropropane	110	15.537	15.513	(1.861)	24962	2.20899	2.2
	44 Bromobenzene	156	15.537	15.528	(1.861)	170878	2.15998	2.2
	46 n-Propylbenzene	91	15.684	15.660	(1.878)	962509	2.23205	2.2
	47 2-Chlorotoluene	91	15.846	15.836	(1.897)	591951	2.32724	2.3
	48 1,3,5-Trimethylbenzene	105	15.963	15.954	(1.912)	652034	2.30829	2.3
	49 4-Chlorotoluene	91	16.037	16.013	(1.920)	647920	2.33553	2.3
	50 tert-Butylbenzene	119	16.550	16.541	(1.982)	714409	2.27082	2.3
	51 1,2,4-Trimethylbenzene	105	16.638	16.630	(1.992)	618417	2.30868	2.3
	52 sec-Butylbenzene	105	16.961	16.938	(2.031)	862371	2.15513	2.2
	54 4-Isopropyltoluene	119	17.211	17.202	(2.061)	789511	2.26098	2.3
	53 m-Dichlorobenzene	146	17.196	17.173	(2.059)	338090	2.25482	2.2
	55 p-Dichlorobenzene	146	17.358	17.335	(2.079)	332469	2.28333	2.3
	56 n-Butylbenzene	91	18.019	18.010	(2.158)	698057	2.19620	2.2
$	57 1,2-Dichlorobenzene-d4 (SUR)	152	18.048	18.040	(2.161)	442799	5.69981	5.7
	58 o-Dichlorobenzene	146	18.092	18.084	(2.166)	261958	2.28814	2.3
	59 1,2-Dibromo-3-Chloropropane	75	19.633	19.640	(2.351)	15757	2.12849	2.1
	60 1,2,4-Trichlorobenzene	180	21.378	21.372	(2.560)	164528	2.05446	2.0
	61 Hexachlorobutadiene	225	21.746	21.725	(2.604)	155632	2.24739	2.2
	62 Naphthalene	128	21.952	21.931	(2.629)	161505	2.14066	2.1

Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40861.d
Report Date: 20-Mar-2006 10:42

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
63 1,2,3-Trichlorobenzene	180	22.509	22.489	(2.695)	121057	2.06336	2.1


Y (x10^5)
Min
-Dichlorodifluoromethane
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-1,1-Dichloroethene
-Methylene Chloride
-MTBE+
-1,1-Dichloroethane
-cis-1,2-Dichloroethene+
-Bromochloromethane
Chloroform
-1,1,1-Trichloroethane
-1,1-Dichloropropene+
-Benzene+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane
-Dibromomethane
-Bromodichloromethane
-cis-1,3-Dichloropropene
-Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-Tetrachloroethene+
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene
-1,1,1,2-Tetrachloroethane
Ethylbenzene
-m+p-Xylene
-o-Xylene+
-Bromoform
-Isopropylbenzene
-1,1,2,2-Tetrachloroethane
-1,2,3-Trichloropropane+
-n-Propylbenzene
4-Bromofluorobenzene (SUR
-2-Chlorotoluene
4-Chlorotoluene
-1,3,5-Trimethylbenzene
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-4-Isopropyltoluene+
-p-Dichlorobenzene
-n-Butylbenzene
-o-Dichlorobenzene
1,2-Dichlorobenzene-d4 (S
-1,2-Dibromo-3-Chloropropa
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
/chem/VOAMS5.i/524/03-17-06/17mar06.b/e40861.d
Data File: /chem/VOAMS5.i/524/03-17-06/17mar06.b/e40861.d
Date : 17-MAR-2006 13:03
Client ID:
Sample Info: 1425BSD
Purge Volume: 25.0
Column phase: DB624
Instrument: VOAMS5.i
Operator: VOAMS 5
Column diameter: 0.53

VOLATILE BLANK SPIKE/BLANK SPIKE DUPLICATE RECOVERY SUMMARY
METHOD 524.2

Matrix: WATER QA Batch: 1427

Level: DW

Compound	SPIKE ADDED (ug/L)	BS % REC.	BSD % REC.	RPD
Acetone	20	100	120	18.2
2-Butanone	20	120	115	4.3
4-Methyl-2-pentanone	20	120	110	8.7
2-Hexanone	20	110	105	4.7
Carbon Disulfide	20	80	85	6.1
Diethyl Ether	20	105	100	4.9
Iodomethane	20	95	90	5.4
Allyl Chloride	20	90	90	0.0
Acrylonitrile	200	115	110	4.4
Propionitrile	200	125	115	8.3
Methyl Acrylate	20	115	110	4.4
Methacrylonitrile	20	110	105	4.7
Tetrahydrofuran	20	115	120	4.3
1-Chlorobutane	20	90	85	5.7
Methyl Methacrylate	20	130	115	12.2
2-Nitropropane	200	115	110	4.4
Chloroacetonitrile	200	120	115	4.3
1,1-Dichloropropanone	20	120	125	4.1
Ethyl Methacrylate	20	125	110	12.8
trans-1,4-Dichloro-2-but	20	110	100	9.5
Pentachloroethane	20	100	95	5.1
Hexachloroethane	20	90	90	0.0
Nitrobenzene	200	120	115	4.3

* Values outside of QC limits

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40862.d
Report Date: 20-Mar-2006 13:34

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VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40862.d
Lab Smp Id: 1427BS Client Smp ID: 1427BS
Inj Date : 17-MAR-2006 13:33
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : 1427BS-R4
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/524R4_04.m
Meth Date : 20-Mar-2006 13:34 lily Quant Type: ISTD
Cal Date : 07-MAR-2006 15:17 Cal File: e40746.d
Als bottle: 11 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

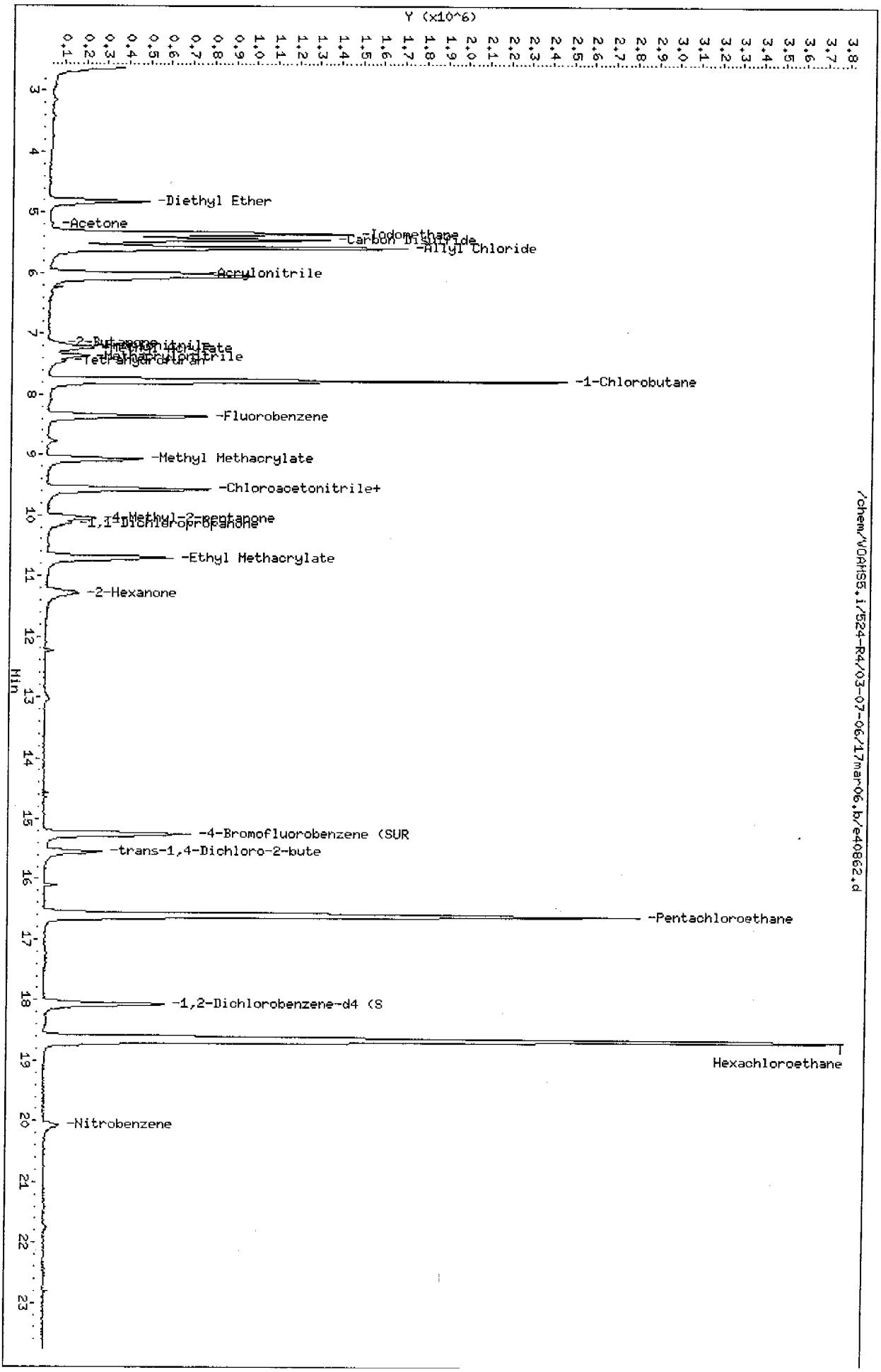
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
125 Diethyl Ether	59	4.816	4.787	(0.576)	649273	20.7629	21
113 Acetone	43	5.212	5.168	(0.623)	51296	20.3902	20
126 Iodomethane	142	5.343	5.315	(0.639)	3569750	18.6893	19
120 Carbon Disulfide	76	5.446	5.418	(0.651)	3835552	16.1401	16
127 Allyl Chloride	76	5.578	5.550	(0.667)	964499	18.3261	18
128 Acrylonitrile	52	6.003	5.975	(0.718)	776906	232.864	230
114 2-Butanone	43	7.147	7.119	(0.854)	167006	24.3701	24
129 Propionitrile	54	7.205	7.177	(0.862)	298050	248.174	250
130 Methyl Acrylate	55	7.235	7.207	(0.865)	458274	22.8945	23
131 Methacrylonitrile	67	7.367	7.339	(0.881)	121735	22.0666	22
132 Tetrahydrofuran	71	7.455	7.441	(0.891)	31109	22.9753	23
133 1-Chlorobutane	56	7.763	7.749	(0.928)	3945305	17.9480	18
* 2 Fluorobenzene	96	8.364	8.336	(1.000)	1416955	5.00000	
134 Methyl Methacrylate	69	9.067	9.054	(1.084)	443859	25.9228	26
136 Chloroacetonitrile	48	9.566	9.538	(1.144)	84945	236.155	240
135 2-Nitropropane	43	9.566	9.553	(1.144)	1262106	231.682	230

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40862.d
Report Date: 20-Mar-2006 13:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
115	4-Methyl-2-pentanone	43	10.035	10.007	(1.200)	436751	23.9159	24
137	1,1-Dichloropropanone	43	10.138	10.110	(1.212)	339870	24.0332	24
138	Ethyl Methacrylate	69	10.695	10.667	(1.279)	891138	24.8676	25
119	2-Hexanone	43	11.296	11.269	(1.351)	260630	22.4085	22
$ 42	4-Bromofluorobenzene (SUR)	95	15.238	15.226	(1.822)	723739	4.41874	4.4
139	trans-1,4-Dichloro-2-butene	53	15.546	15.519	(1.859)	159490	21.7069	22
140	Pentachloroethane	167	16.603	16.576	(1.985)	1327858	20.4113	20
$ 57	1,2-Dichlorobenzene-d4 (SUR)	152	18.055	18.044	(2.159)	412774	4.26804	4.3
141	Hexachloroethane	117	18.643	18.617	(2.229)	2791961	18.5989	18
142	Nitrobenzene	51	20.066	20.041	(2.399)	81826	241.262	240


Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40862.d
Date : 17-MAR-2006 13:33
Client ID: 1427BS
Sample Info: 1427BS-R4
Purge Volume: 25.0
Column phase: DB624
Instrument: VOAMS5.i
Operator: VOAMS 5
Column diameter: 0.53
/chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40862.d
Y (x10^6)
Min
-Diethyl Ether
-Acetone
-Iodomethane
-Carbon Disulfide
-Allyl Chloride
-Acrylonitrile
-1-Chlorobutane
-Fluorobenzene
-Methyl Methacrylate
-Chloroacetonitrile+
-Ethyl Methacrylate
-2-Hexanone
-4-Bromofluorobenzene (SUR
-trans-1,4-Dichloro-2-bute
-Pentachloroethane
-1,2-Dichlorobenzene-d4 (S
Hexachloroethane
-Nitrobenzene

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40863.d
Report Date: 20-Mar-2006 13:34

STL Edison

VOLATILE ORGANICS- METHOD 524.2

Data file : /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40863.d
Lab Smp Id: 1427BSD-R4
Inj Date : 17-MAR-2006 14:03
Operator : VOAMS 5 Inst ID: VOAMS5.i
Smp Info : 1427BSD-R4
Misc Info :
Comment :
Method : /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/524R4_04.m
Meth Date : 20-Mar-2006 13:34 lily Quant Type: ISTD
Cal Date : 07-MAR-2006 15:17 Cal File: e40746.d
Als bottle: 12 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 25/Vo * CpndVariable

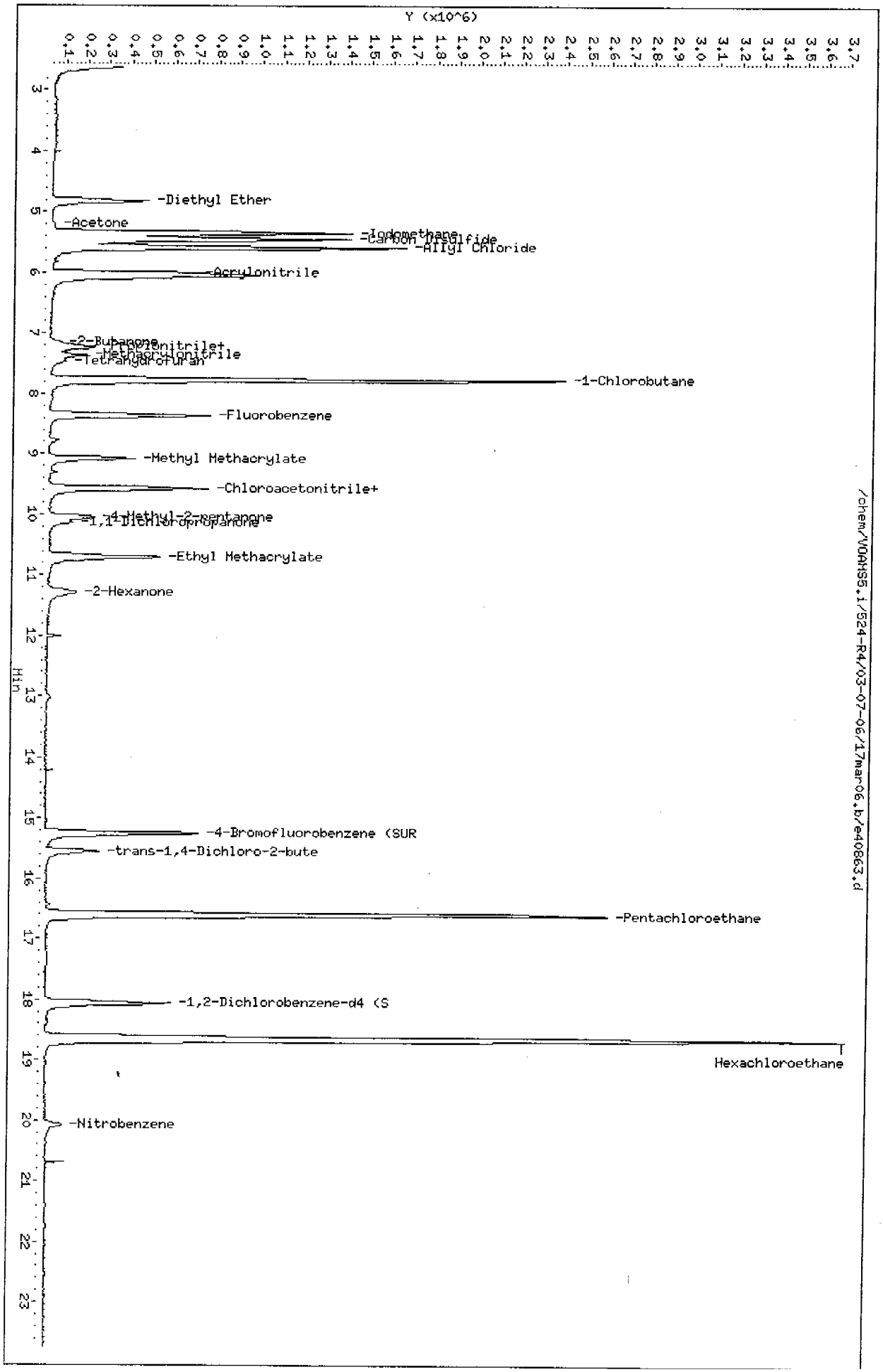
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	25.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
125 Diethyl Ether	59	4.817	4.787	(0.576)	614394	19.6426	20
113 Acetone	43	5.199	5.168	(0.621)	60812	24.1668	24
126 Iodomethane	142	5.345	5.315	(0.639)	3459781	18.1090	18
120 Carbon Disulfide	76	5.448	5.418	(0.651)	4002683	16.8392	17
127 Allyl Chloride	76	5.580	5.550	(0.667)	950481	18.0552	18
128 Acrylonitrile	52	6.006	5.975	(0.718)	721369	216.164	220
114 2-Butanone	43	7.150	7.119	(0.854)	157527	22.9812	23
129 Propionitrile	54	7.209	7.177	(0.862)	278579	231.903	230
130 Methyl Acrylate	55	7.238	7.207	(0.865)	438459	21.8991	22
131 Methacrylonitrile	67	7.370	7.339	(0.881)	117044	21.2110	21
132 Tetrahydrofuran	71	7.458	7.441	(0.891)	32739	24.1730	24
133 1-Chlorobutane	56	7.766	7.749	(0.928)	3815440	17.3529	17
* 2 Fluorobenzene	96	8.368	8.336	(1.000)	1417310	5.00000	
134 Methyl Methacrylate	69	9.072	9.054	(1.084)	389216	22.7257	23
136 Chloroacetonitrile	48	9.571	9.538	(1.144)	82694	229.840	230
135 2-Nitropropane	43	9.571	9.553	(1.144)	1188576	218.129	220

Data File: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b/e40863.d
Report Date: 20-Mar-2006 13:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
115	4-Methyl-2-pentanone	43	10.040	10.007	(1.200)	410720	22.4849	22
137	1,1-Dichloropropanone	43	10.128	10.110	(1.210)	354866	25.0873	25
138	Ethyl Methacrylate	69	10.700	10.667	(1.279)	797650	22.2532	22
119	2-Hexanone	43	11.301	11.269	(1.351)	241155	20.7289	21
$ 42	4-Bromofluorobenzene (SUR)	95	15.244	15.226	(1.822)	724544	4.42255	4.4
139	trans-1,4-Dichloro-2-butene	53	15.552	15.519	(1.859)	148868	20.2561	20
140	Pentachloroethane	167	16.608	16.576	(1.985)	1252145	19.2426	19
$ 57	1,2-Dichlorobenzene-d4 (SUR)	152	18.061	18.044	(2.158)	414424	4.28403	4.3
141	Hexachloroethane	117	18.648	18.617	(2.229)	2696048	17.9555	18
142	Nitrobenzene	51	20.057	20.041	(2.397)	78968	232.777	230


Y (x10^6)
Data File: /chem/VOAHS5.i/524-R4/03-07-06/17mar06.b/e40863.d
Date : 17-MAR-2006 14:03
Client ID:
Sample Info: 1427BSD-R4
Purge Volume: 25.0
Column phase: DB624
Instrument: VOAHS5.i
Operator: VOAHS 5
Column diameter: 0.53
/chem/VOAHS5.i/524-R4/03-07-06/17mar06.b/e40863.d
Min
-Diethyl Ether
-Acetone
-Iodomethane
-Carbon Disulfide
-Allyl Chloride
-Acrylonitrile
-2-Butanone
-Propionitrile+
-Methacrylonitrile
-Tetrahydrofuran
-1-Chlorobutane
-Fluorobenzene
-Methyl Methacrylate
-Chloroacetonitrile+
-4-Methyl-2-pentanone
-1,1-Dichloropropanone
-Ethyl Methacrylate
-2-Hexanone
-4-Bromofluorobenzene (SUR
-trans-1,4-Dichloro-2-bute
-Pentachloroethane
-1,2-Dichlorobenzene-d4 (S
Hexachloroethane
-Nitrobenzene

Internal Standard Area and RT Summary

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): E40853 Date Analyzed: 03/17/06

Instrument ID: VOAMS5 Time Analyzed: 0823

		IS1 AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1414562	8.32				
	UPPER LIMIT	2829124	8.82				
	LOWER LIMIT	990193	7.82				
	LABORATORY SAMPLE NO.						
01	1425BS	1391125	8.35				
02	1425BSD	1218295	8.35				
03	EV076	1377022	8.36				
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 30% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): E40853 Date Analyzed: 03/17/06

Instrument ID: VOAMS5 Time Analyzed: 0823

		IS1 AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
	12 HOUR STD	1414562		8.32									
	UPPER LIMIT	2829124		8.82									
	LOWER LIMIT	990193		7.82									
	LABORATORY SAMPLE NO.												
01	EV076	1377022		8.36									
02	715155	1433776		8.37									
03													
04													
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20													
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22													

IS1 = Fluorobenzene

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AREA LOWER LIMIT = - 30% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): E40858 Date Analyzed: 03/17/06

Instrument ID: VOAMS5 Time Analyzed: 1130

		IS1 AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1279227	8.34				
	UPPER LIMIT	2558454	8.84				
	LOWER LIMIT	895459	7.84				
	LABORATORY SAMPLE NO.						
01	1427BS	1416955	8.36				
02	1427BSD-R4	1417310	8.37				
03	EV076A	1398660	8.36				
04							
05							
06							
07							
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14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 30% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): E40858 Date Analyzed: 03/17/06

Instrument ID: VOAMS5 Time Analyzed: 1130

		IS1 AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
	12 HOUR STD	1279227		8.34									
	UPPER LIMIT	2558454		8.84									
	LOWER LIMIT	895459		7.84									
	LABORATORY SAMPLE NO.												
01	EV076A	1398660		8.36									
02	715155	1450458		8.37									
03													
04													
05													
06													
07													
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19													
20													
21													
22													

IS1 = Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 30% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Injection Log Book

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

ment ID: VOAMS5.i

ical Batch: /chem/VOAMS5.i/524/03-17-06/17mar06.b

Generated: 03/20/2006

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	PV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
/06 0752	e40852.d	2	EBFB076				0	0	1	all			524.2	G
/06 0823	e40853.d	2	ESTD002				25	0	1	all			GAS 50: V06-143	G
/06 0924	e40854.d	3	ESTD001				25	0	1	all			MIX1 50: 147	G
/06 0954	e40855.d	4	ESTD005				25	0	1	all			MTBE/TF: 127	NU
/06 1025	e40856.d	5	ESTD020				25	0	1	all			TBA: 103	G
/06 1055	e40857.d	6	ESTD040				25	0	1	all			524R4:	G
/06 1201	e40859.d	8	ESTD001				25	0	1	all			GAS BS: 145	G
/06 1233	e40860.d	9	1425BS				25	0	1	524			8260BS: 153	G
/06 1303	e40861.d	10	1425BSD				25	0	1	524			524R4 BS:	G
/06 1433	e40864.d	13	EV076				25	0	1	all			IS/SS: LB 10753	G
/06 1503	e40865.d	14	712293 B	TB	N911		25	0	1	524	EV076	1.6	BFB SS:	G
/06 1533	e40866.d	15	715152 E	840SMST	0521	1425	25	0	1	524		1.6	MISC:	G
/06 1603	e40867.d	16	715154 B	481LOCK	0523	1425	25	0	1	524		1.6		G
/06 1633	e40868.d	17	715155 D	476LOCK	0524	1425	25	0	1	524		1.6		G
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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

ument ID: VOAMS5.i

tical Batch: /chem/VOAMS5.i/524/03-17-06/17mar06.b

Generated: 03/20/2006

2

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
7/06 1702	e40869.d	18	715165 B	441LOCK	0527	1425	25	0	1	524	EV076	1.6		G
7/06 1732	e40870.d	19	715166 D	437LOCK	0528	1425	25	0	1	524		1.6		G
7/06 1802	e40871.d	20	715188 B	425LOCK	0531	1425	25	0	1	524		1.6		G
7/06 1832	e40872.d	21	715189 D	480LOCK	0532	1425	25	0	1	524		1.6		G
7/06 1902	e40873.d	22	715190 D	700LOCK	0533	1425	25	0	1	524		1.6		G
7/06 1932	e40874.d	23	715192 C	RT22	0535	1425	25	0	1	524		1.6		G

1: _____ Read and Understood by: S. Illey

3-20-06

Date: 3/20/06

0524

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

trument ID: VOAMS5.i

lytical Batch: /chem/VOAMS5.i/524-R4/03-07-06/07mar06.b

e Generated: 03/08/2006

e 1

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
/07/06 0948	e40735a.	2	EBFB066a				0	0	1	all			524.2	G
/07/06 1232	e40741.d	6	ESTD020-R4				25	0	1	all			GAS 50:	
/07/06 1302	e40742.d	7	ESTD020-R4				25	0	1	all			MIX1 50:	NU
/07/06 1447	e40745.d	10	ESTD040-R4				25	0	1	all			MTBE/TF:	G
/07/06 1517	e40746.d	11	ESTD005-R4				25	0	1	all			TBA:	
/07/06 1547	e40747.d	12	1273BSD-R4				25	0	1	all			524R4: 106-101	G
/07/06 1616	e40748a.	13	EV066a				25	0	1	all			GAS BS:	
/07/06 1716	e40750a.	15	712405 A	61479	N949	1273	25	0	1	ACE	EV066a	1.6	8260BS:	G
/07/06 1746	e40751a.	16	712407 C	61481	N949	1273	25	0	1	ACE		1	524R4 BS: 106-102	G
/07/06 1816	e40752a.	17	712408 B	61482	N949	1273	25	0	1	ACE		7	IS/SS: LB.(11)53	G
/07/06 1846	e40753.d	18	712401 C	61477	N947	1273	25	0	1	ACE		1.6	BFB SS:	G
/07/06 1915	e40754.d	19	712402 C	61478	N947	1273	25	0	1	ACE		7	MISC:	G
/07/06 1945	e40755.d	20	712400 B	61476	N947	1273	25	0	1	ACE		1.6		G
/07/06 2015	e40756.d	21	712406 B	61480	N949	1273	25	0	10	ACE		1		RR 100 X
														RR 50 X

STL Edison

ed: 3-8-06 Read and Understood by:

126

0524

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

ument ID: VOAMS5.i

tical Batch: /chem/VOAMS5.i/524-R4/03-07-06/17mar06.b

Generated: 03/20/2006

1

Date	Data File	ALS	Sample ID	Client ID	Job #	QA	IV/ IW	FV	Dil Fac	Sublist	LPB	PH	STD LOT	COMMENTS
7/06 0752	e40852a.	2	EBFB076a				0	0	1	all				
7/06 1130	e40858.d	7	ESTD076-R4				25	0	1	all			524.2	G
7/06 1333	e40862.d	11	1427BS-R4				25	0	1	all			GAS 50:	G
7/06 1403	e40863.d	12	1427BSD-R4				25	0	1	all			MIX1 50:	G
7/06 1433	e40864a.	13	EV076a				25	0	1	all			MTBE/TF:	G
7/06 1533	e40866a.	15	715152 E	840SMST	0521	1427	25	0	1	all	EV076A		TBA:	G
7/06 1603	e40867a.	16	715154 B	481LOCK	0523	1427	25	0	1	all		1.6	524R4: V06-101	G
7/06 1633	e40868a.	17	715155 D	476LOCK	0524	1427	25	0	1	all		1.6	GAS BS:	G
7/06 1702	e40869a.	18	715165 B	441LOCK	0527	1427	25	0	1	all		1.6	8260BS:	G
7/06 1732	e40870a.	19	715166 D	437LOCK	0528	1427	25	0	1	all		1.6	524R4 BS: V06-102	G
7/06 1802	e40871a.	20	715188 B	425LOCK	0531	1427	25	0	1	all		1.6	IS/SS: LB 47953	G
7/06 1832	e40872a.	21	715189 D	480LOCK	0532	1427	25	0	1	all		1.6	BFB SS:	G
7/06 1902	e40873a.	22	715190 D	700LOCK	0533	1427	25	0	1	all		1.6	MISC:	G
7/06 1932	e40874a.	23	715192 E	RT22	0535	1427	25	0	1	all		1.6		G

STL Edison

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d: 3/20/06 Read and Understood by: 3.20.06

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